

Greg Gibson
Vice President, Regulatory Affairs

250 West Pratt Street, Suite 2000
Baltimore, Maryland 21201



February 13, 2009

UN#09-137

Ms. Vanessa E. Quinn
Chief, Radiological Emergency Preparedness Branch
Federal Emergency Management Agency
U. S. Department of Homeland Security
500 C Street, SW
Washington, D. C. 20472

Subject: UniStar Nuclear Energy
Calvert Cliffs Nuclear Power Plant, Unit 3
Response to FEMA Request for Additional Information

References: 1) Vanessa E. Quinn (FEMA) to John Price (UniStar), "Federal Emergency Management Agency (FEMA) Request for Additional Information (RAI) of the Emergency Response Plans for the Combined License (COL) Application for the Calvert Cliffs Nuclear Power Plant (CCNPP)," dated December 10, 2008

The purpose of this letter is to respond to the request for additional information (RAI) identified in the Federal Emergency Management Agency correspondence to UniStar Nuclear dated December 10, 2008 (Reference 1). This RAI addresses offsite emergency planning activities, as submitted in Part 11H of the Calvert Cliffs Nuclear Power Plant (CCNPP) Unit 3 Combined License Application (COLA), Revision 3.

The enclosures to this letter transmit responses that have been provided by the District of Columbia Homeland Security and Emergency Management Agency, Delaware Emergency Management Agency, Maryland Emergency Management Agency, and Virginia Department of Emergency Management. The responses involve matters that are under the purview of the individual responding agencies, and these agencies are responsible for the content of the responses and implementation schedules identified therein.

AX45
D079
NRO

If there are any questions regarding this transmittal, please contact me at (410) 470-4205, or Mr. Michael J. Yox at (410) 495-2436.



Greg Gibson

- Enclosures:
- 1) Response to FEMA Request for Additional Information, District of Columbia Homeland Security and Emergency Management Agency
 - 2) Response to FEMA Request for Additional Information, Delaware Emergency Management Agency
 - 3) Response to FEMA Request for Additional Information, Maryland Emergency Management Agency
 - 4) Response to FEMA Request for Additional Information, Virginia Department of Emergency Management

cc: U.S. NRC Region I Office
U.S. NRC Document Control Desk (NRC Docket No. 52-016)
Darrell Hammons, FEMA Region III
John Rycyna, NRC Project Manager, U.S. EPR COL Application
Silas Kennedy, U.S. NRC Resident Inspector, CCNPP, Units 1 and 2
Brian Baker – District of Columbia Homeland Security and Emergency Management Agency
James Turner, Delaware Emergency Management Agency
Richard Muth, Maryland Emergency Management Agency
Arthur Warren, Virginia Department of Emergency Management

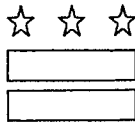
Enclosure 1

Response to FEMA Request for Additional Information

District of Columbia Homeland Security and Emergency Management Agency

GOVERNMENT OF THE DISTRICT OF COLUMBIA
Homeland Security and Emergency Management Agency

Adrian M. Fenty
Mayor



Darrell L. Darnell
Director

Wednesday, February 11, 2009

Michael Yox
Director-Licensing
Unistar Nuclear Energy-Regulatory Affairs
250 West Pratt Street
Baltimore, MD 21201

Dear Mr. Yox:

In a letter, dated December 10, 2008, subject: Federal Emergency Management Agency (FEMA) Final Request for Additional Information (RAI) of the Offsite Emergency Response Plans for the Combined License (COL) Application for the Calvert Cliffs Nuclear Power Plant (CCNPP), the Federal Emergency Management Agency (FEMA) Radiological Emergency Preparedness (REP) Branch Chief provided UniStar Nuclear Energy a list of RAIs related to the COL application. These RAIs concern matters under the cognizance of the District of Columbia for Ingestion Pathway actions for the CCNPP site. We have developed responses addressing each RAI and providing them in the attachment to this letter. It is understood that UniStar will forward this information to the FEMA REP Branch Chief from which FEMA will prepare a statement of reasonable assurance for the COL application.

Thank you for your continuing partnership in these efforts.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian C. Baker", is written over a horizontal line.

Brian C. Baker
Chief, Plans and Preparedness

RAI Calvert Cliffs – 006.D, District of Columbia

Subject: Capability and Availability of Radiological Laboratories

Basis: NUREG-0654 Evaluation Criterion C.3

SRP ACCEPTANCE CRITERION: Requirement H

The District of Columbia Response Plan does not include a description of laboratory capabilities. Provide a list of laboratories and their radiological analytical capabilities available to the District of Columbia.

Response:

A list of laboratories and their radiological analytical capabilities available to the District will be given to FEMA Region III and referenced in Radiological Annex by 08/30/2009.

Proposed Plan Change:

A list of laboratories and their radiological analytical capabilities available to the District will be referenced or written in Radiological Annex.

RAI Calvert Cliffs – 033.B, District of Columbia

Subject: FDA Guidance on Use of Potassium Iodide

Basis: NUREG-0654 Evaluation Criterion J.9

SRP ACCEPTANCE CRITERION: Requirement H

The District of Columbia Direct Response Plan does not include any procedures for their response to an incident at CCNPP. Provide the SOPs for District response to an incident at CCNPP.

Response:

SOPs for District response to an incident at CCNPP will be included in Radiological Annex to be completed by 08/30/2009.

Proposed Plan Change:

SOPs will be developed to ensure protective action decisions are made to protect human food, animal feeds and water supplies; and ensure protective actions based on ingestion PGAs are implemented in a timely manner.

RAI Calvert Cliffs – 044.B, District of Columbia

Subject: Laboratory Capabilities

Basis: NUREG-0654 Evaluation Criterion J.11

SRP ACCEPTANCE CRITERION: Requirement H

The District of Columbia Direct Response Plan does not include any procedures for their response to an incident at CCNPP. Provide the SOPs for District response to an incident at CCNPP.

Response:

SOPs for District response to an incident at CCNPP will be included in Radiological Annex to be completed by 08/30/2009.

Proposed Plan Change:

Radiological Annex, will reference or include SOPs to contain the following; the identification and description of procedures for detecting contamination, for estimating the dose commitment consequences from the ingestion pathway and for imposing protective measures; and maps identifying any watersheds, water supply intake and treatment plants and reservoirs.

RAI Calvert Cliffs – 077 B District of Columbia

Subject: Missing list of implementing procedures

Basis: NUREG-0654 Evaluation Criterion P.8

SRP ACCEPTANCE CRITERION: Requirement H

The District of Columbia Direct Response Plan does not include a SOP listing or cross reference to the plan. Provide these documents for the District Response Plan.

Response:

The NUREG 0654 Cross-Reference table and the SOP listing will be included in Radiological Annex to be completed by 08/30/2009.

Proposed Plan Change:

The NUREG 0654 Cross-Reference table and a SOP listing will be a part of Radiological Annex.

Enclosure 2

Response to FEMA Request for Additional Information

Delaware Emergency Management Agency



January 29, 2009

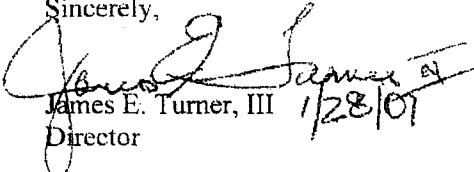
Mr. Michael Yox
Director-Licensing
Unistar Nuclear Energy-Regulatory Affairs
250 West Pratt Street
Baltimore, MD 21201

Dear Mr. Yox:

In a letter, dated December 10, 2008, subject: Federal Emergency Management Agency (FEMA) Final Request for Additional Information (RAI) of the Offsite Emergency Response Plans for the Combined License (COL) Application for the Calvert Cliffs Nuclear Power Plant (CCNPP), the Federal Emergency Management Agency (FEMA) Radiological Emergency Preparedness (REP) Branch Chief provided UniStar Nuclear Energy a list of RAIs related to the COL application. These RAIs concern matters under the cognizance of the State of Delaware for Ingestion Pathway actions for the CCNPP site. We have developed responses addressing each RAI and providing them in the attachment to this letter. It is understood that UniStar will forward this information to the FEMA REP Branch Chief from which FEMA will prepare a statement of reasonable assurance for the COL application.

Thank you for your continuing partnership in these efforts.

Sincerely,


James E. Turner, III 1/28/09
Director

State of Delaware, Department of Safety and Homeland Security

165 Brick Store Landing Road • Smyrna, DE • 19977
302 • 659 • DEMA (3362) / 877 • SAY • DEMA (877-729-3362) (In-State Only)
Fax: 302 • 659 • 6855 <http://dema.delaware.gov>

RAI Calvert Cliffs – 006 C State of Delaware

The State of Delaware RERP does not include a description of laboratory capabilities. Provide a list of laboratories and their radiological analytical capabilities available to the State of Delaware.

Response:

Provided to FEMA, Region III

Proposed Plan Change:

2009

RAI Calvert Cliffs – 077 A State of Delaware

Subject: Missing list of implementing procedures
Basis: NUREG-0654 Evaluation Criterion P.8
SRP ACCEPTANCE CRITERION: Requirement H

The State of Delaware RERP does not include a SOP listing or cross reference to the plan. Provide these documents for the Delaware RERP.

Response:

A cross-reference was provided to FEMA Region III in an attachment to an email the week of January 19, 2009.

Proposed Plan Change:

2009

Enclosure 3

Response to FEMA Request for Additional Information

Maryland Emergency Management Agency

STATE OF MARYLAND
MILITARY DEPARTMENT



MARTIN O'MALLEY
GOVERNOR
ANTHONY G. BROWN
LIEUTENANT GOVERNOR

JAMES A. ADKINS
BRIGADIER GENERAL
THE ADJUTANT GENERAL
RICHARD G. MUTH
DIRECTOR

MARYLAND EMERGENCY MANAGEMENT AGENCY

State Emergency Operations Center, Camp Fretterd Military Reservation
5401 Rue Saint Lo Drive, Reisterstown, MD 21136
(410) 517-3600 • Fax (410) 517-3610 • Toll Free 1 (877) 636-2872
TTY Users: 1 (800) 735-2258

February 2, 2009

Michael Yox
Director-Licensing
Unistar Nuclear Energy-Regulatory Affairs
250 West Pratt Street
Baltimore, MD 21201

Dear Mr. Yox:

In a letter, dated December 10, 2008, subject: "*Federal Emergency Management Agency (FEMA) Final Request for Additional Information (RAI) of the Offsite Emergency Response Plans for the Combined License (COL) Application for the Calvert Cliffs Nuclear Power Plant (CCNPP)*", the Federal Emergency Management Agency (FEMA) Radiological Emergency Preparedness (REP) Branch Chief provided UniStar Nuclear Energy with a list of RAIs related to the COL application. These RAIs concern matters under the cognizance of the State of Maryland and the communities around the CCNPP site. We have developed responses addressing each RAI and have provided them in the attachment to this letter.

It is understood that UniStar will forward this information to the FEMA REP Branch Chief from which FEMA will prepare a statement of reasonable assurance for the COL application.

Thank you for your continuing partnership in these efforts.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Muth".

Richard Muth
Director

**State of Maryland
Emergency Management Department**



**Calvert Cliffs Nuclear Power Plant Combined Operating License
Responses to FEMA Requests for Additional Information**

February 6, 2009

Table of Contents

<u>Title</u>	<u>Page</u>
State of Maryland RAI	3
Calvert County RAI	32
St. Mary's County RAI	65
Dorchester County RAI	95
Attachment 1, NURGE 0654 Cross Reference	
State of Maryland	124
Calvert County, St Mary's County and Dorchester County	133

STATE OF MARYLAND

RAI Calvert Cliffs – 003 A.1 State of MarylandG31

Subject: Letters of Agreement/Mutual Aid Agreements

Basis: NUREG-0654 Evaluation Criterion A.3 and C.4

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Attachment 9-3, states that Letters of Agreement are maintained on file with the Maryland Emergency Management Agency. Provide these Letters of Agreement.

Response:

MEMA is a member of the Emergency Management Assistance Compact (EMAC). The Emergency Management Assistance Compact (EMAC) is a national mutual aid system. Membership in EMAC precludes the need for Letters of agreement. If it is determined applicable an associated Letters of Agreement will be provided. The reference to EMAC will be included in the next revision of Annex Q due 7/30/2009.

Proposed Plan Change:

Annex Q will be revised to include reference the Emergency Management Assistance Compact (EMAC) where appropriate.

RAI Calvert Cliffs – 003 A.2 State of Maryland

The Maryland EOP, Annex Q, REP, Section 5.4, Plan Implementation and Section 7.1, Private Agencies, identify organizations that can be relied upon in an emergency to provide assistance. Certain organizations (e.g., radio stations and bus contractors) are only identified in general terms. No Letters of agreement are provided. Provide information specifically identifying all assisting organizations, and provide Letters of Agreement for all assisting organizations.

Response:

Subtitle 8 of Title 14 Annotated code of Maryland defines the authority for the Emergency Management Agencies to obtain resources for assisting organizations. Additionally referenced Letters of Agreement are inherent in the State of Maryland charters and as members of Maryland Emergency Support Function (ESF) 15. This information will be included in the next revision of Annex Q scheduled to be completed by 07/30/2009.

Proposed Plan Change:

Annex Q will be revised to clarify existing relationships and reference define Maryland ESF 15.

RAI Calvert Cliffs – 004 A.1 State of Maryland

Subject: Arrival Times for Federal Resources

Basis: NUREG-0654 Evaluation Criterion C.1.b

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 4.4, Role of the Federal Government, provides information regarding what Federal resources will be available. The anticipated time of arrival for Federal Radiological Monitoring and Assessment Plan (FRMAP) resources responding to an incident at the Calvert Cliffs Nuclear Power Plant (CCNPP) are not included. The Maryland EOP, Annex Q, REP also indicates that EPA will assist the Maryland Department of the Environment (MDE) in radiological monitoring and assessment subsequent to the initial phases of the emergency; however the expected arrival time for the EPA is not provided. Provide the expected arrival times for FRMAP and EPA resources expected to respond to CCNPP.

Response:

The anticipated times of arrival for FRMAP and EPA resources will be determined and included in the next revision of Annex Q or applicable MDE procedures to be completed by 07/30/2009.

Proposed Plan Change:

Section 4.4, Role of the Federal Government, will be revised to include the anticipated times of arrival for FRMAP and EPA.

RAI Calvert Cliffs – 004 A.2 State of Maryland

The Maryland EOP, Annex Q, REP, Section 4.4, Role of the Federal Government, provides information regarding a Federal Radiological Assistance Program (RAP) and its anticipated time of arrival to respond to an incident at the CCNPP. Other than the FRMAP and EPA (see item A.1, above) and the RAP, no other Federal resources and arrival times are identified. Provide information about any other Federal resources, including the expected arrival times of these resources to respond to an incident at CCNPP.

Response:

Information about any other Federal resources, including the expected arrival times of these resources to respond to an incident at CCNPP will be included in the next revision of Section 4.4, Role of the Federal Government to be completed by 07/30/2009.

Proposed Plan Change:

A list of federal agencies and their estimated response times will be included in Section 4.4, Role of the Federal Government.

RAI Calvert Cliffs – 005 A State of Maryland

Subject: Support for Federal Resources

Basis: NUREG-0654 Evaluation Criterion C.1.c

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 4.4, Role of the Federal Government, does not include specific details regarding support (e.g., facilities, communications, transportation, radiation exposure control) of the Federal response, but instead says that State and county resources to support the Federal response are contained in State and county agency standard operating procedures (SOPs). The SOPs cited were not provided for review. Provide the sections of State and county SOPs describing resources to support Federal response.

Response:

State SOP regarding federal response were provided to FEMA Region III on 01/30/2009. County SOPs regarding federal response will be provided to FEMA Region III by 09/30/2009.

Proposed Plan Change:

County SOPs regarding federal response will be provided to FEMA Region III by 09/30/2009.

RAI Calvert Cliffs – 006 A State of Maryland

Subject: Capability and Availability of Radiological Laboratories

Basis: NUREG-0654 Evaluation Criterion C.3
SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 5.4, Plan Implementation, specifies that analysis of samples will be performed at the Department of Health and Mental Hygiene (DHMH) laboratories either at the Preston Street headquarters or in the Mobile Environmental Radiological Laboratory (MERL) as required by the Accident Assessment Center (AAC). State Standard Operating Procedures (SOPs) governing laboratory operations were not available. Provide SOPs or other information addressing laboratory capabilities (e.g., throughput, types of analyses, handling of contaminated samples, etc.) and backup laboratory facilities. Provide Letters of Agreement for any commercial or non-Maryland laboratory facilities.

Response:

MDE SOPs were provided to FEMA Region III on 01/30/2009.

Proposed Plan Change:

No changes to Maryland EOP, Annex Q, are proposed.

RAI Calvert Cliffs – 007A State of Maryland

Subject: Protective Action for a Fast-Breaking Severe Reactor Accident

Basis: NUREG-0654 Evaluation Criteria D.4 and J.9

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 5.4, Plan Implementation, does not specify a preferred protective action for a fast-breaking severe reactor accident. Per NUREG-0654/FEMA-REP-1, Rev 1, Supplement 3, Criteria for Protective Action Recommendations for Severe Accidents, July 1996, the preferred protective action for severe accidents is to evacuate immediately to about 2 miles in all directions from the plant and about 5 miles downwind from the plant, unless other conditions make evacuation dangerous. Provide information about any predetermined protective actions to be implemented when confronted with a fast-breaking emergency.

Response:

Plans contain a range of protective actions including those for a fast breaker.

Proposed Plan Change:

No changes are required.

RAI Calvert Cliffs – 012 A State of Maryland

Subject: Communications with Federal Government

Basis: NUREG-0654 Evaluation Criterion F.1.c

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Table 5-1, Emergency Facility Communications, provides a summary list of emergency contacts and methods of communications in emergency facilities, but is incomplete and does not include contacts and methods of communications with the Federal Government. Provide contacts and methods of communication with the Federal Government that are described elsewhere in the plan in Table 5-1.

Response:

Table 5-1, Emergency Facility Communications, will be revised to include contacts and methods of communications with the Federal Government in the next revision of the Annex Q to be completed by 07/30/2009.

Proposed Plan Change:

Table 5-1, Emergency Facility Communications, will be revised to include contacts and methods of communications with the Federal Government.

RAI Calvert Cliffs – 013 A State of Maryland

Subject: Communications with Radiological Monitoring Teams

Basis: NUREG-0654 Evaluation Criterion F.1.d

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 7.1.4.2, Notification and Communication, states that communication among the Accident Assessment Center, the State EOC, and Maryland Department of the Environment (MDE) field monitoring teams will be maintained in accordance with MDE emergency procedures, but does describe the methods of communication. Provide a description of the primary and backup methods of communications with field monitoring teams.

Response:

A description of the primary and back-up methods of communications with field teams will be included in the next revision of Section 7.1.4.2, Notification and Communication, to be completed by 07/30/2009.

Proposed Plan Change:

Modify Section 7.1.4.2, Notification and Communication, to include a description of the primary and backup methods of communications with field monitoring teams.

RAI Calvert Cliffs – 015 A State of Maryland

Subject: Periodic Testing of Communications Systems

Basis: NUREG-0654 Evaluation Criterion F.3

SRP ACCEPTANCE CRITERION: Requirement H

Note: See also RAI: Calvert Cliffs – 010 (Criterion E.6)

The Maryland EOP, Annex Q, REP, Section 6.2.1, Communications Drills, provides for periodic testing of the entire emergency communication system but the Maryland EOP, Annex Q, REP does not provide detail to describe how this testing will be performed. Provide detailed information about the periodic testing of emergency communications systems.

Response:

Information describing the periodic testing of the State of Maryland's emergency communications system will be included in the next revision of Section 6.2.1, Communications Drills, to be completed by 07/30/2009.

Proposed Plan Change:

Details regarding the responsibility for testing the State of Maryland emergency communications system, as well as the type of testing, frequency of testing, methods for testing, and tracking of results and repairs/calibration will be delineated in Section 6.2.1, Communications Drills.

RAI Calvert Cliffs – 016 A State of Maryland

Subject: Public Information for EPZ residents

Basis: NUREG-0654 Evaluation Criterion G.1

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 6.4.2, Plan Testing and Maintenance, Training, Public Information Training, does not contain samples of the public education material produced for residents of the Calvert Cliffs Nuclear Power Plant (CCNPP) Emergency Planning Zone (EPZ). Provide samples of the brochure and telephone directory information cited in the plan, as well as any other material directed at EPZ residents, including foreign language translations of the materials (if required).

Response:

Samples of the public education materials will be provided to FEMA Region III on 07/30/2009.

Proposed Plan Change:

No changes to the Annex Q are proposed.

RAI Calvert Cliffs – 017 A State of Maryland

Subject: Public Information for Transient EPZ Populations

Basis: NUREG-0654 Evaluation Criterion G.2

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 6.4.2, Plan Testing and Maintenance, Training, Public Information Training, does not clearly address public information materials directed to transient EPZ populations. Provide a list and samples of these materials, including signs, decals, and other means placed in special concerns facilities and other facilities serving transients, as well as foreign language translations of the materials (if required). Also describe provisions for annual inventory and maintenance of these materials and the locations where they are posted.

Response:

Calvert Cliffs Preventive Maintenance procedures identify samples of these materials, including signs, decals, and other means placed in special concerns facilities and other facilities serving transients. These will be provided to FEMA Region III on 07/30/2009.

Proposed Plan Change:

A list of samples of public information materials for transients, including brochures, pamphlets, signs, decals and telephone directory information will be included in Annex Q. Posting locations as well as requirements for inventory and maintenance for these materials will be included also.

RAI Calvert Cliffs – 018A State of Maryland

Subject: Coordination of Public Information

Basis: NUREG-0654 Evaluation Criterion G.4.b

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 3.1.6.3, Planning Basis, Basic Functions, Public Information, State Public Information Role and Responsibility, and Section 7, Summary Procedures, mention coordination between spokespersons regarding public information, but do not contain or reference specific procedures that demonstrate how timely exchange will be implemented. Provide communications procedures addressing the timely exchange of information between spokespersons.

Response:

Communications procedures addressing the timely exchange of information between spokespersons will be included in the next revision of the Annex Q to be completed by 07/30/2009.

Proposed Plan Change:

Details regarding the timely exchange of public information between the various spokespersons and coordination of its release to the public will be delineated in 2.3.1.2, Concept of Operations, Section 3.1.6, Public Information and, Section 5, Concept of Operations

RAI Calvert Cliffs – 019 A State of Maryland

Subject: Rumor Control

Basis: NUREG-0654 Evaluation Criterion G.4.c

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, Radiological Emergency Plan does not contain any information on arrangements for dealing with rumors. Provide procedures or other information describing coordinated arrangements for rumor control.

Response:

Information describing coordinated arrangements for rumor control will be included in the next revision of the Annex Q to be completed by 07/30/2009.

Proposed Plan Change:

Details regarding coordinated arrangements for rumor control between the various spokespersons and the Joint Information Center will be delineated in Sections 2.3.1.2, Concept of Operations, 3.1.6, Public Information, Section 5, Concept of Operations.

RAI Calvert Cliffs – 020 A State of Maryland

Subject: Periodic Media Education Program

Basis: NUREG-0654 Evaluation Criterion G.5

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 6.4.2, Public Information Training, says that annual educational information will be provided to the news media but does not contain any further details. Provide a general description of the annual program to acquaint the news media with the emergency plans, information concerning radiation, and points of contact for release of public information, including a description of written materials that are distributed.

Response:

Information describing the annual education program for the news media will be included in the next revision of the Annex Q to be completed by 07/30/2009.

Proposed Plan Change:

Details regarding the annual program to acquaint the news media with emergency plans, information concerning radiation, and points of contact for release of public information, including a description of written materials, will be delineated in Section 6.4.2, Public Information Training.

RAI Calvert Cliffs – 021 A.1 State of Maryland

Subject: Emergency Operations Centers (EOC)

Basis: NUREG-0654 Evaluation Criterion H.3

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 5.2.1, State Emergency Operations Center, did not include any discussion of methods that would be used to control personnel access to the Emergency Operations Center (EOC). Include this information in the plan.

Response:

Information describing access control to the EOC will be included in the next revision of Annex Q to be completed by 07/30/2009.

Proposed Plan Change:

Details regarding the procedures and methods that would be used to control personnel access to the EOC will be delineated in Section 5.2.1, State Emergency Operations Center and in the SOP Summary of the responsible agency/official.

RAI Calvert Cliffs – 021 A.2 State of Maryland

The Maryland EOP, Annex Q, REP, Section 5.2.1, State Emergency Operations Center, contains only a partial listing of facility equipment, but this list is not in enough detail to demonstrate that equipment is sufficient to support operations. Provide a listing of facility equipment with enough detail to demonstrate that equipment is sufficient to support operations.

Response:

A list of EOC equipment will be included in the next revision of Annex Q to be completed by 07/30/2009.

Proposed Plan Change:

A list of equipment sufficient to support EOC operations will be referenced in Section 5.2.1, State Emergency Operations Center.

RAI Calvert Cliffs – 022 A State of Maryland

Subject: Mobilization of Response Organizations

Basis: NUREG-0654 Evaluation Criterion H.4

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 5.4, Plan Implementation, discusses mobilization in general terms but does not include detailed procedures for mobilizing various emergency facilities and organizations. The MEMA SOP is referenced in Attachment 9-1 but was not provided for review. Provide SOPs or other information describing how various emergency facilities and organizations would be mobilized and criteria for determining when facilities could be declared operational.

Response:

Mobilization of various emergency facilities and organizations is included in the State Emergency Operations Plan (SEOP), Section 8, Communications. Activation and staffing procedures are included in Maryland Joint Operation Center (MJOC) SOP. The MJOC SOP, the SEOP and WebEOC checklist will be provided to FEMA Region III by 07/30/2009.

Proposed Plan Change:

Annex Q Section 7.1.2.2, Notification and Communication, will be revised to reference the SEOP and MJOC SOP. The WebEOC checklist was provided to FEMA Region III on 01/30/2009.

RAI Calvert Cliffs – 023 A State of Maryland

Subject: Mobilization of Response Organizations

Basis: NUREG-0654 Evaluation Criterion H.7

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 5.4.2.1, Accident Assessment, says that the Maryland Department of the Environment, along with support agencies, will conduct an accident assessment. Equipment to be used by the State or supplied to support agencies is not addressed in the plan. Provide information on equipment to be used by the State or supplied to support agencies.

Response:

Equipment used by the State and supplied to support agencies for use in accident assessment are described in MDE procedures. These procedures were provided to FEMA Region III on 01/30/2009.

Proposed Plan Change:

No changes to Annex Q are proposed.

RAI Calvert Cliffs – 024 A.1 State of Maryland

Subject: Calibration, Inspection, and Replacement of Equipment

Basis: NUREG-0654 Evaluation Criterion H.10

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP does not contain details about inventories of emergency equipment and how they will be inspected, calibrated, and operationally checked as required by NUREG 0654 Criterion H.10. Include this information in the plan.

Response:

Details about inventories of emergency equipment and how they will be inspected, calibrated, and operationally checked was provided to FEMA Region III in the MDE SOP on 1/30/2009. County information will be included in the next revision to county plans to be completed by 09/30/2009.

Proposed Plan Change:

No changes to Annex Q are proposed.

RAI Calvert Cliffs – 024 A.2 State of Maryland

The Maryland EOP, Annex Q, REP does not describe reserve equipment that could be placed in use when primary equipment was unavailable due to calibration or repair as required by NUREG 0654 Criterion H.10. Include this information in the plan.

Response:

Information describing emergency equipment used by state agencies and maintenance and calibration of it was given to FEMA Region III on 01/30/2009.

Proposed Plan Change:

No changes to Annex Q are proposed.

RAI Calvert Cliffs – 025 A State of Maryland

Subject: Emergency Kit Listings

Basis: NUREG-0654 Evaluation Criterion H.11

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP does not contain any listing of emergency kits as required by NUREG 0654 Criterion H.11. Provide a listing of emergency kits by general category (protective equipment, communications equipment, radiological monitoring equipment and emergency supplies).

Response:

MDE procedures describing emergency equipment and kits used by state agencies was provided to FEMA Region III on 01/30/2009.

Proposed Plan Change:

No changes to Annex Q are proposed.

RAI Calvert Cliffs – 026 A State of Maryland

Subject: Transport and Analysis of Environmental Samples

Basis: NUREG-0654 Evaluation Criterion H.12

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 5.2.3, Accident Assessment Center, establishes the Maryland Department of the Environment as the lead agency for accident assessment and the Accident Assessment Center (AAC) as the central point for the receipt and analysis of all field monitoring data and coordination of sample media. However the plan does not include details describing how as specified in FEMA- REP-2. Include this information in the plan.

Response:

Information describing transportation, receipt, and analysis of field monitoring data and coordination of sample media is described in MDE procedures provided to FEMA Region III on 01/30/2009.

Proposed Plan Change:

NO changes to Annex Q are proposed.

RAI Calvert Cliffs – 027 A.1 State of Maryland

Subject: State Field Team Responsibilities

Basis: NUREG-0654 Evaluation Criterion I.7

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 5.4.2.1, Accident Assessment, indicates that the Maryland Department of the Environment (MDE) is the key agency with responsibility for field monitoring activities, but does not describe the functions of the State of Maryland field monitoring teams. MDE Standard Operating Procedures were not provided for review. Provide SOPs or other information describing the functions of the State of Maryland field monitoring teams.

Response:

The SOP describing the functions of the State of Maryland field monitoring teams was provided to FEMA Region III on 01/30/2009.

Proposed Plan Change:

No changes to Annex Q are proposed.

RAI Calvert Cliffs – 027 A.2 State of Maryland

The Maryland EOP, Annex Q, REP, Section 5.4.2.1, Accident Assessment, does not include a description of the capability and resources of the State of Maryland field monitoring teams. MDE Standard Operating Procedures were not provided for review. Provide SOPs or other information describing the capability and resources of the State of Maryland field monitoring teams.

Response:

The SOP describing the capability and resources of the State of Maryland field monitoring teams were provided to FEMA Region III on 01/30/2009.

Proposed Plan Change:

No changes to the Annex Q are proposed.

RAI Calvert Cliffs – 029 A State of Maryland

Subject: Capability to Detect and Measure Radioiodine Concentrations in Air

Basis: NUREG-0654 Evaluation Criterion I.9

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 7, Summary Procedures for Department of Environment, indicates that Maryland Department of the Environment (MDE) is the key agency with responsibility for accident assessment and field monitoring activities, but does not provide information on the types of field monitoring that will be performed, including air sampling, or the capability to detect and measure radioiodine concentrations in air in the plume exposure EPZ as low as 10⁻⁷ microcuries per cubic centimeter under field conditions. Include this information in the plan (see Criterion I.8).

Response:

Information on the types of field monitoring performed was provided to FEMA Region III on 01/30/2009.

Proposed Plan Change:

No changes to Annex Q are proposed.

RAI Calvert Cliffs – 030 A.1 State of Maryland

Subject: Estimation of Integrated Dose

Basis: NUREG-0654 Evaluation Criterion I.10

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 7, Summary Procedures for Department of Environment, states that the Maryland Department of the Environment (MDE) is responsible for environmental monitoring, sampling and analysis operations. MDE Standard Operating Procedures (SOPs) addressing the requirements of Criterion I.10 were not provided for review. Provide SOPs or other information describing the means for relating the various measured parameters (i.e., contamination

levels, water and air activity levels) to dose rates for key isotopes (i.e., those given in Table 3, page 18 of NUREG-0654) and gross radioactivity measurements.

Response:

The MDE SOP describing the means for relating the various measured parameters was provided to FEMA Region III on 01/30/2009.

Proposed Plan Change:

No changes to Annex Q are proposed.

RAI Calvert Cliffs – 030 A.2 State of Maryland

The Maryland EOP, Annex Q, REP does not include detailed provisions for estimating integrated dose from the projected and actual dose rates and for comparing these estimates with the protective action guides. Provide SOPs or other information addressing these requirements.

Response:

The MDE SOP detailed provisions for estimating integrated dose from the projected and actual dose rates and for comparing these estimates with the protective action guides was provided to FEMA Region III on 01/30/2009

Proposed Plan Change:

No changes to Annex Q are proposed.

RAI Calvert Cliffs – 031 A. State of Maryland

Subject: Arrangements to Track the Plume and/or Collect Air Samples

Basis: NUREG-0654 Evaluation Criterion I.11

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 5.4.2.1, Accident Assessment, states that the Maryland Department of the Environment (MDE) is the key agency responsible for field monitoring activities. MDE Standard Operating Procedures (SOPs) addressing the requirements of Criterion I.11 were not provided for review. Provide SOPs or other information describing what portions of the plume the State has plans to track, and whether or not arrangements have been made for the use of outside resources to take measurements and collect air samples from peak exposure rate areas near the plume's peak concentration. If outside organizations provide support tracking the plume and/or collecting air samples, letters of agreement should be included.

Response:

The MDE SOP was provided to FEMA Region III on 01/30/2009.

Information describing plume tracking activities and the agencies and resources that will be involved will be included in the next revision of Annex Q or MDE procedures to be completed by 07/30/2009.

Proposed Plan Change:

Annex Q or MDE procedures will be revised to include plume tracking activities and the agencies and resources that will be involved

RAI Calvert Cliffs – 033 A State of Maryland

Subject: FDA Guidance on Use of Potassium Iodide

Basis: NUREG-0654 Evaluation Criterion J.9

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP does not include FDA guidance in 66 FR 64046, Food and Drug Administration, Guidance on Use of Potassium Iodide as a Thyroid Blocking Agent in Radiation Emergencies, Availability, December 11, 2001. Provide information about if and how the State of Maryland incorporates the applicable FDA guidance.

Response:

Information describing use of Potassium Iodide and FDA Guidance will be included in the next revision of the applicable MDE procedure to be completed by 07/30/2009.

Proposed Plan Change:

Detailed information describing use of Potassium Iodide and references to FDA Guidance 66FR 64046, will be delineated in the applicable MDE procedure.

RAI Calvert Cliffs – 034 A State of Maryland

Subject: Informational Maps

Basis: NUREG-0654 Evaluation Criterion J.10.a

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP does not contain all of the map information specified in established FEMA guidance. Provide maps of radiological sampling and monitoring points (including water sources), relocation centers, and shelter areas. Also provide the frequency for updating maps and the organization(s) responsible for map maintenance.

Response:

Maps of radiological sampling and monitoring points (including water sources), relocation centers, and shelter areas will be provided to FEMA Region III in a letter by 07/30/2009.

Information describing required maps and maintenance of them will be included in the next revision of Annex Q to be completed by 07/30/2009.

Proposed Plan Change:

Detailed information referencing the required maps; the frequency for updating maps; and the organization(s) responsible for map maintenance will be delineated in Section 3, Planning Basis Section, Section 5, Concept of Operations and Section 6, Plan Testing and Maintenance and SOP Summary 7.1.2, Maryland Emergency Management Agency (MEMA).

RAI Calvert Cliffs – 035 A State of Maryland

Subject: Population distribution maps

Basis: NUREG-0654 Evaluation Criterion J.10.b

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP does not contain maps showing the population distribution around the nuclear facility. Provide maps of the population distribution around the Calvert Cliffs Nuclear Power Plant (CCNPP) by protective action zone, and identify directly, or reference where to find, school

populations (including day-care centers) and other special populations, including the maximum anticipated population at recreation areas.

Response:

Maps of the population distribution around CCNPP by protective action zone, will be provided to FEMA Region III by 07/30/2009. The maps showing the location of schools, day care facilities and special facilities included in WebEOC will be provided by 07/30/2009. The population distribution, included in the Calvert Cliffs Evacuation Time Estimate, will be provided by 07/30/2009.

Proposed Plan Change:

No changes to Annex Q are proposed.

RAI Calvert Cliffs – 037 A State of Maryland

Subject: Use and Administration, Distribution, and Storage Requirements for KI for Emergency Workers and the General Public.

Basis: NUREG-0654 Evaluation Criterion J.10.e

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 5.4.2.4, Protective Actions, states the MEMA will assure overall coordination of State support to aid county operations in notifying the affected population to ingest stable iodine, but does not provide information on the supply of KI, storage location, maintenance, instructions for use, or means of distribution (pre-distribution program and distribution at reception centers) for the general public. Use of KI for institutionalized persons is not addressed in the plan. Provide information on policies and procedures developed by the Maryland Department of the Environment (MDE), and the Department of Health and Mental Hygiene (DHMH) on the use and administration, distribution, and storage requirements for KI for emergency workers and the general public.

Response:

The MDE procedures were provided to FEMA Region III on 01/30/2009.

Information referencing the use and administration, distribution, and storage requirements for KI will be included in the next revision of Annex Q to be completed by 07/30/2009.

Proposed Plan Change:

Detailed information referencing the use, administration, distribution, and storage requirements for KI for emergency workers and the general public will be delineated in Section 3, Planning Basis Section, Section 5, Concept of Operations, Section 6, Plan Testing and Maintenance and SOPs 7.1.2, Maryland Emergency Management Agency (MEMA) and 7.1.4, Department of the Environment (MDE).

RAI Calvert Cliffs – 038 A State of Maryland

Subject: Criteria for Administration of KI to Emergency Workers and the General Public

Basis: NUREG-0654 Evaluation Criterion J.10.f

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 3.1.4, Protective Actions, does not describe the method by which decisions by the State Health Department for administering radioprotective drugs to the general population are made during an emergency and the pre-determined conditions under which such drugs may be used by offsite emergency workers, but references the MDE standard operating procedures for the policy on KI administration. Provide SOPs or other information describing the basis for

administration of KI to emergency workers and the general public.

Response:

The MDE procedures were provided to FEMA Region III on 01/30/2009.

Information referencing the use, administration, and distribution of KI will be included in the next revision of Annex Q to be completed by 07/30/2009.

Proposed Plan Change:

Detailed information referencing the use, administration, and distribution of KI for emergency workers and the general public will be delineated in Section 3, Planning Basis Section, Section 5, Concept of Operations, and SOPs 7.1.2, Maryland Emergency Management Agency (MEMA) and 7.1.4, Department of the Environment (MDE).

RAI Calvert Cliffs – 041 A.1 State of Maryland

Subject: Projected Traffic Capacities of Evacuation Routes and Evacuation Time Estimates

Basis: NUREG-0654 Evaluation Criterion J.10.I and J.10.I

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP does not include relevant data from the ETE Study such as evacuation time estimates for the general population and the special population groups. Provide information about how such data from the ETE Study has been included in the Maryland EOP, Annex Q, REP, and the appropriate procedures.

Response:

The CCNPP ETE will be provided to FEMA Region III on 07/30/2009.

Information referencing the ETE and relevant data from it will be included in the next revision of Annex Q and included each county's REP.

Proposed Plan Change:

No changes to Annex Q are proposed.

RAI Calvert Cliffs – 041 A.2 State of Maryland

The Maryland EOP, Annex Q, REP does not include the current and proposed ETE Study's recommendations for the location of traffic control and access control points to address identified impediments to traffic flow. Provide information about how such recommendations have been included in the plan and the appropriate procedures, such as the State Police.

Response:

The CCNPP ETE will be provided to FEMA Region III on 07/30/2009.

Information referencing the ETE and relevant data from it will be included in the next revision of Annex Q are included each county's REP.

Proposed Plan Change:

No change to Annex Q are proposed.

RAI Calvert Cliffs – 042 A.1 State of Maryland

Subject: Control of Access to Evacuated Areas
Basis: NUREG-0654 Evaluation Criterion J.10.j
SRP ACCEPTANCE CRITERION: Requirement H
Note: See also J.10.g

The Maryland REP, Section 5.4.2.4 states that the Coast Guard will restrict maritime vessels if necessary. Access control of air and rail traffic is not addressed. Provide the procedure for access control of air and rail traffic.

Response:

There are no railways in the 10 mile EPZ. The Maryland Department of Transportation and Maryland National Guard is responsible air traffic control. Appropriate Maryland Department of Transportation SOPs will be referenced in Annex Q and provided to FEMA Region III on 07/30/2009.

Proposed Plan Change:

No change to Annex Q are proposed.

RAI Calvert Cliffs – 043 A State of Maryland

Subject: Rationale Used to Recommend Protective Actions
Basis: NUREG-0654 Evaluation Criterion J.10.m
SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, does not include the bases for the choice of recommended protective actions from the plume exposure pathway during emergency conditions but references the Maryland Department of the Environment (MDE) Standard Operating Procedures. These procedures were not provided for review. Provide procedures or other information to address this requirement, including expected local protection afforded in residential units or other shelter for direct and inhalation exposure, as well as evacuation time estimates

Response:

MDE procedures were provided to FEMA Region III on 01/30/2009.

Proposed Plan Change:

No changes to Annex Q are proposed.

RAI Calvert Cliffs – 044 A State of Maryland

Subject: Laboratory Capabilities
Basis: NUREG-0654 Evaluation Criterion J.11
SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 7.14.1, Accident Assessment, does not describe or reference dose projection and sampling procedures. Provide SOPs or other information about dose projection and sampling procedures used by the State of Maryland.

Response:

MDE procedures that describe or reference dose projection and sampling procedures were provided to FEMA Region III on 01/30/2009.

Proposed Plan Change:

No changes to Annex Q are proposed.

RAI Calvert Cliffs – 045 A.1 State of Maryland

Subject: Missing Documentation Concerning Evacuee Monitoring Capabilities

Basis: NUREG-0654 Evaluation Criterion J.12

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 5.4.2.4, Protective Actions, states that mass care centers/temporary housing facilities will be activated within the Plume Zone Counties and their evacuation support counties, refers to Table 3-12 in the Maryland RERP, and also states that the location and capacities of these centers are provided in the County REP Plans. The reference to Table 3-12 is incorrect and most likely is in reference to Section 3, Table 3-7 "Evacuation Support Counties" noted above. Provide a clarification on the correct table reference.

Response:

The reference to Table 3-12 in 5.4.2.4, Protective Actions, will be corrected in the next revision of Annex Q to be completed by 07/30/2009.

Proposed Plan Change:

Section 5.4.2.4, Protective Actions, will be revised to reference Table 3-7, Evacuation Support Counties.

RAI Calvert Cliffs – 045 A.2 State of Maryland

The Maryland EOP, Annex Q, REP, Section 3.4, Allowable Contamination Levels, states that guidance on contamination levels that will be considered allowable for skin, for the release of personnel, for the reuse of clothing, equipment and materials, and for the reentry to contamination areas will be available from the MDE reference material. Specific quantitative contamination action levels are not provided in the State of Maryland Plan, nor are specific reference materials cited that will be used by MDE to establish allowable contamination levels. Provide the applicable State of Maryland guidance for contamination action levels.

Response:

MDE guidance for contamination action levels was provided to FEMA Region III on 01/30/2009.

Proposed Plan Change:

No changes to Annex Q are proposed.

RAI Calvert Cliffs – 046 A State of Maryland

Subject: Quantities of Emergency Worker Dosimeters

Basis: NUREG-0654 Evaluation Criterion K.3.a

SRP ACCEPTANCE CRITERION: Requirement H

Note: New RAI

The Maryland EOP, Annex Q, REP, Section 5.4.2.4, states that MDE is responsible for exposure control but does not provide information on the quantities of dosimeters and dosimeter chargers available per location, or the number of persons (emergency workers) needing dosimetry devices. Provide information on the quantities of dosimeters and dosimeter chargers available per location and the number of persons (emergency workers) needing dosimetry.

Response:

The annual letter of certification provides information on the quantities of dosimeters and dosimeter chargers available per location, or the number of persons (emergency workers) needing dosimetry devices will be provided to FEMA Region III by 7/30/2009.

Proposed Plan Change:

No changes to Annex Q are proposed.

RAI Calvert Cliffs – 047 A State of Maryland

Subject: Authorizes of Exposures in Excess of Predefined Limits

Basis: NUREG-0654 Evaluation Criterion K.4

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 7, Summary Procedures, Section 7.1.4.5, identifies the Maryland Department of the Environment (MDE) as the key agency for radiation exposure control, but does not discuss how MDE or the State emergency organization implements the emergency worker exposure authorization process in the event that exposures in excess of limits provided in Section 3, Table 3-2 are anticipated. Provide a discussion of the process of how MDE or the State emergency organization authorizes exposures in excess of limits provided in Section 3, Table 3-2.

Response:

MDE procedures were provided to FEMA Region III on 01/30/2009.

Proposed Plan Change:

No changes to Annex Q are proposed.

RAI Calvert Cliffs – 048 A.1 State of Maryland

Subject: Monitoring and Decontamination Facilities and Equipment

Basis: NUREG-0654 Evaluation Criterion K.5.a

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 3.1.5, Parallel Actions, states that decontamination will be conducted but does not provide details regarding the specific facilities, monitoring and decontamination procedures, available monitoring equipment or contamination control measures. Provide SOPs or other documentation with this information.

Response:

County plans and procedures include information regarding decontamination facilities and procedures

Proposed Plan Change:

No changes to Annex Q are proposed.

RAI Calvert Cliffs – 048 A.2 State of Maryland

Specific quantitative contamination action levels are not provided in the Maryland EOP, Annex Q, REP, Section 3.4, Allowable Contamination Levels, says that specific guidance is in MDE reference materials, but the MDE materials were not provided for review. Provide information about quantitative contamination action levels.

Response:

MDE procedures identifying allowable contamination levels were provided to FEMA Region III on 01/30/2009.

Proposed Plan Change:

No changes to Annex Q are proposed.

RAI Calvert Cliffs – 049 A State of Maryland

Subject: Decontamination of Emergency Personnel

Basis: NUREG-0654 Evaluation Criterion K.5.b

SRP ACCEPTANCE CRITERION: Requirement H

Note: Originally Submitted 07/14/08.

The Maryland EOP, Annex Q, REP, Section 3.1.5, Parallel Actions, says that decontamination will be conducted but does not provide detailed information regarding the specific facilities, monitoring and decontamination procedures, contamination action levels, numbers of trained monitoring personnel available, decontamination supplies available or contamination control measures. Provide SOPs or other detailed information describing provisions for the decontamination of State of Maryland emergency workers, vehicles and equipment and the handling and storage of contaminated waste.

Response:

MDE procedures were provided to FEMA Region III on 01/30/2009.

Proposed Plan Change:

No changes to the Annex Q are proposed.

RAI Calvert Cliffs – 050 A State of Maryland

Subject: Medical Support Resources

Basis: NUREG-0654 Evaluation Criterion L.1

SRP ACCEPTANCE CRITERION: Requirement H

Note: New RAI

The Maryland EOP, Annex Q, REP, Attachment 9-5.1, Hospitals Capable of Receiving Radioactively Contaminated Patients, lists 6 hospitals but does not describe their capabilities. Provide information about the hospitals and support service operations for treating contaminated, injured, or exposed individuals, including available trained personnel, dosimetry procedures and recordkeeping procedures for the six medical facilities identified in Attachment 9.5-1.

Response:

MIEMSS Hospitals and support service operations for treating contaminated, injured, or exposed individuals, including available trained personnel, dosimetry procedures and recordkeeping procedures are included in the hospital emergency plans. The plans will be provided to FEMA Region III by 07/30/2009.

Proposed Plan Change:

No changes to Annex Q are proposed.

RAI Calvert Cliffs – 051 A State of Maryland

Subject: Medical Services for Contaminated/Injured Patients

Basis: NUREG-0654 Evaluation Criterion L.3

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Attachment 9-5.1, Hospitals Capable of Receiving Radioactively Contaminated Patients, provides the locations of six hospitals/medical facilities in counties surrounding the Calvert Cliff Nuclear Power Plant (CCNPP). The attachment is a map that provides the locations and listed municipalities where these facilities are found, but does not contain additional required information, including the facility mailing address, type (differentiating between primary and backup facilities), capacity (differentiating between ambulatory and nonambulatory), any special radiological capabilities, which might include the availability of specific radiologically trained staff (e.g., health or medical physicist), the types of monitoring equipment available, and the facility's capabilities for analyzing samples for internal and external contamination. Provide the above required information for each facility included in Attachment 9-5.1.

Response:

Description of the hospitals capable of receiving radioactively contaminated patients will include the facility mailing address, type (differentiating between primary and backup facilities), capacity (differentiating between ambulatory and nonambulatory), any special radiological capabilities, which might include the availability of specific radiologically trained staff (e.g., health or medical physicist), the types of monitoring equipment available, and the facility's capabilities for analyzing samples for internal and external contamination is the responsibility of MIEMSS. A sample from the MIEMSS will be provided to FEMA Region III by 7/30/2009.

Proposed Plan Change:

No changes to Annex Q are proposed.

RAI Calvert Cliffs – 052 A.1 State of Maryland

Subject: Medical Transport of Contaminated/Injured Patients

Basis: NUREG-0654 Evaluation Criterion L.4

SRP ACCEPTANCE CRITERION: Requirement H

Note: Originally Submitted 07/13/08

The Maryland EOP, Annex Q, REP, Section 5.4.2.5, Concept of Operations, states that the Natural Resources Police and Maryland State Police (MSP) will provide emergency transportation for the injured. The plan does not contain letters of agreement (LOAs) with any additional transportation providers. Provide any applicable LOAs for additional state-provided EMS resources for responding to radiological emergencies.

Response:

The Public Safety Article of the Maryland Annotated Code of the State of Maryland Title 14, provides authority for Emergency Management to obtain any state resources required for response. The Letters of Agreements are not required.

Proposed Plan Change:

No changes to Annex Q, are proposed.

RAI Calvert Cliffs – 052 A.2 State of Maryland

The Maryland EOP, Annex Q, REP does not contain details of how or by whom the radiological

monitoring of individuals requiring emergency transportation will be performed. Provide information containing details of procedures for use of radiological equipment or other contamination control measures by State personnel performing emergency medical transportation of contaminated, injured or exposed individuals and decontamination procedures or the action levels and associated instrumentation that would be used for the vehicle crew and vehicle involving transportation of contaminated, injured, or exposed individuals.

Response:

Radiological monitoring capabilities for individuals requiring emergency transportation are described in local plans and procedures.

Proposed Plan Change:

No changes to the Annex Q, are proposed.

RAI Calvert Cliffs – 053 A State of Maryland

Subject: Recovery and Reentry Procedures

Basis: NUREG-0654 Evaluation Criterion M.1

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP does not include adequate information on reentry and recovery. The following is needed:

RAI Calvert Cliffs – 053 A.1 State of Maryland

Provide descriptions of continuing environmental radiation measurements and dose assessment for the intermediate and late phases.

Response:

MDE provided FEMA Region III a description of continuing environmental radiation measurements and dose assessment for the intermediate and late phases on 01/30/2009.

Proposed Plan Change:

No changes to Annex Q are proposed.

RAI Calvert Cliffs – 053 A.2 State of Maryland

Provide information describing the establishment of restricted and buffer zones during the intermediate and late phases.

Response:

Information describing the establishment of restricted and buffer zones during the intermediate and late phases will be incorporated in the next revision of MDE procedures to be completed by 07/30/2009.

Proposed Plan Change:

Revise the MDE procedure to include the establishment of restricted and buffer zones during the intermediate and late phases.

RAI Calvert Cliffs – 053 A.3 State of Maryland

Provide general procedures for recovery, including a listing of actions that may be needed and organizational responsibilities for carrying out these activities.

Response:

Procedures for recovery, including a listing of actions that may be needed and organizational responsibilities for carrying out these activities will be incorporated in the next revision of Annex Q to be completed by 07/30/2009.

Proposed Plan Change:

A Recovery procedure will be developed to include a listing of actions that may be needed and organizational responsibilities for carrying out Recovery activities.

RAI Calvert Cliffs – 054 A State of Maryland

Subject: Recovery Operations Notifications

Basis: NUREG-0654 Evaluation Criterion M.3

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 5.4.2.5, Parallel Actions, describes means for informing members of the response organizations that recovery is being initiated but does not explicitly include notification to response organizations of changes in organizational structure. Provide this information.

Response:

Informing members of the response organizations that recovery is being initiated will be included in the next revision of Annex Q to be completed by 07/30/2009.

Proposed Plan Change:

Section 5.4.2.5, Parallel Actions will be revised to ensure response organizations are notified when recovery is initiated.

RAI Calvert Cliffs – 055 A State of Maryland

Subject: Total Population Exposure

Basis: NUREG-0654 Evaluation Criterion M.4

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 5.4.2.5, Parallel Actions, discusses maintaining population exposure records but does not include a method for periodically estimating total population exposure. Provide this information.

Response:

A method for periodically estimating total population exposure will be included in the next revision of Annex Q to be completed by 07/30/2009.

Proposed Plan Change:

Revise Section 5.4.2.5, Parallel Actions to include a method for periodically estimating total population exposure.

RAI Calvert Cliffs – 057 A.1 State of Maryland

Subject: Provisions to Vary Exercises

Basis: NUREG-0654 Evaluation Criterion N.1.b

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 6.3, Exercises, does not include provisions to start an exercise between 6:00 p.m. and 4:00 a.m. within a six-year period. Include this provision in the plan.

Response:

Provisions to start an exercise between 6:00 p.m. and 4:00 a.m. within a six-year period are no longer required.

Proposed Plan Change:

Section 6.3, Exercises, will be revised to state that exercises will be conducted in accordance with applicable state and federal guidelines.

RAI Calvert Cliffs – 057 A.2 State of Maryland

The Maryland EOP, Annex Q, REP does not indicate that at least one exercise over a period of six years should be unannounced. Include this provision in Annex Q.

Response:

Provisions to conduct an unannounced exercise are no longer required

Proposed Plan Change:

Section 6.3, Exercises, will be revised to state that exercises will be conducted in accordance with applicable state and federal guidelines

RAI Calvert Cliffs – 058 A State of Maryland

Subject: Communications Drills

Basis: NUREG-0654 Evaluation Criterion N.2.a

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 6.2.1, Communication Drills, does not address the requirement that all communications drills shall include understanding the content of messages. Include this provision in the plan.

Response:

The requirement that all communications drills include understanding the content of messages will be included in the next revision of Annex Q to be completed by 07/30/2009.

Proposed Plan Change:

Section 6.2.1, Communication Drills, will be rewritten to address the requirement that all communications drills shall include understanding the content of messages.

RAI Calvert Cliffs – 060 A State of Maryland

Subject: Radiological Monitoring Drills

Basis: NUREG-0654 Evaluation Criterion N.2.d

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 6.2.3, Radiological Monitoring Drills, does not indicate that radiological monitoring drills related to the plume exposure pathway or ingestion exposure pathway emergency planning zones will be conducted at least annually. Include this provision in the plan.

Response:

Annual radiological monitoring drills related to the plume exposure pathway or ingestion exposure pathway emergency planning zones will be added in the next revision of Annex Q to be completed by 07/30/2009.

Proposed Plan Change:

Section 6.2.3, Radiological Monitoring Drills, will be modified to include annual radiological monitoring drills related to the plume exposure pathway or ingestion exposure pathway emergency planning zones.

RAI Calvert Cliffs – 068 A.1 State of Maryland

Subject: Implementing Corrective Actions Identified at Drills and Exercises

Basis: NUREG-0654 Evaluation Criterion N.5

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP does not provide any information regarding the establishment of a means for evaluating observer and participant comment on areas needing improvement. Include this information in the plan.

Response:

Information regarding the establishment of a means for evaluating observer and participant comments on areas needing improvement will be included in the next revision of Annex Q to be completed by 07/30/2009.

Proposed Plan Change:

The REP will be revised to include information regarding the establishment of a means for evaluating observer and participant comments on areas needing improvement.

RAI Calvert Cliffs – 068 A.2 State of Maryland

The Maryland EOP, Annex Q, REP does not include provisions for emergency plan procedural changes or for assigning responsibility to implement corrective actions. Include this information in the plan.

Response:

Provisions for emergency plan procedural changes or for assigning responsibility to implement corrective actions will be included in the next revision of Annex Q to be completed by 07/30/2009.

Proposed Plan Change:

The REP will be revised to include provisions for emergency plan procedural changes or for assigning responsibility to implement corrective actions.

RAI Calvert Cliffs – 068 A.3 State of Maryland

The Maryland EOP, Annex Q, REP did not indicate that each organization shall establish management control to ensure that corrective actions are implemented. Include this information in the plan.

Response:

Management control to ensure that corrective actions are implemented will be included in the next revision of Annex Q to be completed by 07/30/2009.

Proposed Plan Change:

Revise Annex Q to include establish management control to ensure that corrective actions are implemented .

RAI Calvert Cliffs – 070 A State of Maryland

Subject: Specific Information About Instructing and Qualifying Directors and Coordinators of Response Organizations

Basis: NUREG-0654 Evaluation Criterion O.4.a

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 6.4, Training, indicates that the details of programs for training and qualifying all emergency response disciplines, including directors and coordinators of response organizations, are found in Part I of the MEMA Administrative Standard Operating Procedure, but this reference was not provided for review. Provide detailed information about the State of Maryland's training program, including the scope of the training program; specific information on the training requirements for each functional area, including those areas supplemented by Mutual-Aid Agreements; the time intervals at which these training programs will be offered (initial and retraining); and the organization (e.g., Licensee, FEMA) that will provide training assistance, if applicable.

Response:

Part I of the MEMA Administrative Standard Operating Procedure has been deleted. The appropriate reference, or Section 6.4, Training, will add information about the State of Maryland's training program, including the scope of the training program; specific information on the training requirements for each functional area, including those areas supplemented by Mutual-Aid Agreements; the time intervals at which these training programs will be offered (initial and retraining); and the organization (e.g., Licensee, FEMA) that will provide training assistance, if applicable. This information will be included in the next revision of Annex Q to be completed by 07/30/2009.

Proposed Plan Change:

Update Section 6.4, Training to include the appropriate reference, or information about the State of Maryland's training program, including the scope of the training program; specific information on the training requirements for each functional area, including those areas supplemented by Mutual-Aid Agreements; the time intervals at which these training programs will be offered (initial and retraining); and the organization (e.g., Licensee, FEMA) that will provide training assistance, if applicable will be added.

RAI Calvert Cliffs – 071 A State of Maryland

Subject: Specific Information About Instructing and Qualifying Personnel Responsible for Accident Assessment

Basis: NUREG-0654 Evaluation Criterion O.4. b

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 6.4, Training, indicates that the details of programs for training and qualifying all emergency response disciplines, including personnel responsible for accident assessment, are found in Part I of the MEMA Administrative Standard Operating Procedure, but this reference was not provided for review. Provide detailed information about the State of Maryland's training program, including the scope of the training program; specific information on the training requirements for each functional area, including those areas supplemented by Mutual-Aid Agreements; the time intervals at which these training programs will be offered (initial and retraining); and the organization (e.g., Licensee, FEMA) that will provide training assistance, if applicable.

Response:

Part I of the MEMA Administrative Standard Operating Procedure has been deleted. The appropriate reference, or Section 6.4, Training, will be revised to include information about the State of Maryland's training program, including the scope of the training program; specific information on the training requirements for each functional area, including those areas supplemented by Mutual-Aid Agreements; the time intervals at which these training programs will be offered (initial and retraining); and the organization (e.g., Licensee, FEMA) that will provide training assistance, if applicable. This information will be included in the next revision of Annex Q to be completed by 07/30/2009..

Proposed Plan Change:

Update Section 6.4, Training, to include the appropriate reference, or information about the State of Maryland's training program, including the scope of the training program; specific information on the training requirements for each functional area, including those areas supplemented by Mutual-Aid Agreements; the time intervals at which these training programs will be offered (initial and retraining); and the organization (e.g., Licensee, FEMA) that will provide training assistance, if applicable will be added.

RAI Calvert Cliffs – 072 A State of Maryland

Subject: Specific Information About Instructing and Qualifying Radiological Monitoring Teams and Radiological Analysis Personnel

Basis: NUREG-0654 Evaluation Criterion O.4.c

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 6.4, Training, indicates that the details of programs for training and qualifying all emergency response disciplines, including radiological monitoring teams and radiological analysis personnel, are found in Part I of the MEMA Administrative Standard Operating Procedure, but this reference was not provided for review. Provide detailed information about the State of Maryland's training program, including the scope of the training program; specific information on the training requirements for each functional area, including those areas supplemented by Mutual-Aid Agreements; the time intervals at which these training programs will be offered (initial and retraining); and the organization (e.g., Licensee, FEMA) that will provide training assistance, if applicable.

Response:

Part I of the MEMA Administrative Standard Operating Procedure has been deleted. The appropriate reference, or Section 6.4, Training, will be revised to include information about the State of Maryland's training program, including the scope of the training program; specific information on the training requirements for each functional area, including those areas supplemented by Mutual-Aid Agreements; the time intervals at which these training programs will be offered (initial and retraining); and the organization (e.g., Licensee, FEMA) that will provide training assistance, if applicable. This information will be included in the next revision of Annex Q to be completed by 07/30/2009.

Proposed Plan Change:

Update Section 6.4, Training, to include the appropriate reference, or information about the State of Maryland's training program, including the scope of the training program; specific information on the training requirements for each functional area, including those areas supplemented by Mutual-Aid Agreements; the time intervals at which these training programs will be offered (initial and retraining); and the organization (e.g., Licensee, FEMA) that will provide training assistance, if applicable will be added..

RAI Calvert Cliffs – 073 A State of Maryland

Subject: Specific Information About Instructing and Qualifying Medical Support Personnel

Basis: NUREG-0654 Evaluation Criterion O.4.h

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 6.4, Training, indicates that the details of programs for training and qualifying all emergency response disciplines, including medical support personnel, are found in Part I of the MEMA Administrative Standard Operating Procedure, but this reference was not provided for review. Provide detailed information about the State of Maryland's training program, including the scope of the training program; specific information on the training requirements for each functional area, including those areas supplemented by Mutual-Aid Agreements; the time intervals at which these training programs will be offered (initial and retraining); and the organization (e.g., Licensee, FEMA) that will provide training assistance, if applicable.

Response:

Part I of the MEMA Administrative Standard Operating Procedure has been deleted. The appropriate reference, or Section 6.4, Training, will be revised to include detailed information about the State of Maryland's training program, including the scope of the training program; specific information on the training requirements for each functional area, including those areas supplemented by Mutual-Aid Agreements; the time intervals at which these training programs will be offered (initial and retraining); and the organization (e.g., Licensee, FEMA) that will provide training assistance, if applicable. This information will be included the next revision of Annex Q to be completed by 07/30/2009.

Proposed Plan Change:

Update Section 6.4, Training, to include the appropriate reference, or detailed information about the State of Maryland's training program, including the scope of the training program; specific information on the training requirements for each functional area, including those areas supplemented by Mutual-Aid Agreements; the time intervals at which these training programs will be offered (initial and retraining); and the organization (e.g., Licensee, FEMA) that will provide training assistance, if applicable.

RAI Calvert Cliffs – 074 A State of Maryland

Subject: Specific Information About Instructing and Qualifying Personnel Who Will Transmit Emergency Information and Instructions

Basis: NUREG-0654 Evaluation Criterion O.4.j

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 6.4, Training, indicates that the details of programs for training and qualifying all emergency response disciplines, including personnel responsible for transmission of emergency information and instructions, are found in Part I of the MEMA Administrative Standard Operating Procedure, but this reference was not provided for review. Provide detailed information about the State of Maryland's training program, including the scope of the training program; specific information on the training requirements for each functional area, including those areas supplemented by Mutual-Aid Agreements; the time intervals at which these training programs will be offered (initial and retraining); and the organization (e.g., Licensee, FEMA) that will provide training assistance, if applicable.

Response:

Part I of the MEMA Administrative Standard Operating Procedure has been deleted. Section 6.4, Training, will be revised to include the appropriate reference, or information about the State of Maryland's training program, including the scope of the training program; specific information on the training requirements for each functional area, including those areas supplemented by Mutual-Aid Agreements; the time intervals at which these training programs will be offered (initial and retraining); and the organization (e.g., Licensee, FEMA) that will provide training assistance, if applicable. This information will be included in the next revision of Annex Q to be completed by 07/30/2009..

Proposed Plan Change:

Update Section 6.4, Training to include the appropriate reference or information about the State of Maryland's training program, including the scope of the training program; specific information on the training requirements for each functional area, including those areas supplemented by Mutual-Aid Agreements; the time intervals at which these training programs will be offered (initial and retraining); and the organization (e.g., Licensee, FEMA) that will provide training assistance, if applicable..

RAI Calvert Cliffs – 075 A State of Maryland

Subject: Training of Individuals Responsible for the Planning Effort.

Basis: NUREG-0654 Evaluation Criterion P.1

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 6.4, Training, indicates that an emergency worker training program will be established that will be directed at State and county government agencies to prepare them for dealing with radiological emergencies at a fixed nuclear facility. Details of the training program are addressed in the MEMA Administrative SOP, Part I, which was not provided for review. Provide detailed information about this training program.

Response:

Part I of the MEMA Administrative Standard Operating Procedure as been deleted. Section 6.4, Training, will be revised to include the appropriate reference, or detailed information about the emergency worker training program and included in the next revision of Annex Q to be completed by 07/30/2009.

Proposed Plan Change:

Update Section 6.4, Training to include the appropriate reference or describe radiological emergency worker training.

RAI Calvert Cliffs – 076 A State of Maryland

Subject: Marking Changes to Plans

Basis: NUREG-0654 Evaluation Criterion P.5

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 6.6, Plan Maintenance, states that formal changes and revised pages will be dated and marked to show where changes have been made. The plan has revised pages dated but not marked to show where changes have been made. Provide information on how such plans are marked to show where changes have been made.

Response:

Future plans revisions will be processed to show where changes have been made.

Proposed Plan Change:

No changes to Annex Q are proposed.

RAI Calvert Cliffs – 078 A State of Maryland

Subject: Missing NUREG Cross-References and Table of Contents

Basis: NUREG-0654 Evaluation Criterion P.8

SRP ACCEPTANCE CRITERION: Requirement H

The NUREG Cross-Reference table is missing from Maryland EOP, Annex Q, REP. Provide a NUREG Cross-Reference table for Maryland EOP, Annex Q, REP.

Response:

The NUREG 0654 Cross-Reference table is provided in Attachment 1, NUREG 0654 Cross Reference, and will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

NUREG 0654 Cross-Reference table will be included in the next revision of Annex Q.

RAI Calvert Cliffs – 079 A State of Maryland

Subject: Commitment to Update Maps on a Quarterly Basis

Basis: NUREG-0654 Evaluation Criterion P.10

SRP ACCEPTANCE CRITERION: Requirement H

The Maryland EOP, Annex Q, REP, Section 6.6, Plan Maintenance, indicates that telephone numbers and staff assignments will be updated quarterly, but does not include maps in the quarterly update as required by FEMA PR-1, Policy on 0654/FEMA-REP-1 and 44 CFR 350 Requirements. Include this provision in the plan.

Response:

Maps will be included in the quarterly update and identified in the next revision of Annex Q to be completed by 07/30/2009.

Proposed Plan Change:

Section 6.6, Plan Maintenance will be revised to include verification of maps in the quarterly updates.

Calvert County

RAI Calvert Cliffs – 001 A, Calvert County

Subject: Block Diagrams of Organizations

Basis: NUREG-0654 Evaluation Criterion A.1.c

SRP ACCEPTANCE CRITERION: Requirement H

The Calvert County Radiological Emergency Plan (REP), Section 5, Accident Assessment, contains an Unusual Event fan-out block diagram (Tab A) and Alert notification fan-out (Tab B), but does not provide block diagrams illustrating interrelationships related to accident assessment, protective actions, and parallel action. Provide a block diagram of organizations and their relationship to the total emergency response effort in the areas of: Emergency Response Organization; Accident Assessment; Initial Notification; Command and Coordination; Protective Actions; and Parallel Action.

Response:

A block diagram of organizations and their relationship to the total emergency response effort will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

A block diagram of organizations and their relationship to the total emergency response effort in the areas of: Emergency Response Organization; Accident Assessment; Initial Notification; Command and Coordination; Protective Actions; and Parallel Action will be added to the Calvert County Plan as a table.

RAI Calvert Cliffs – 002 A, Calvert County

Subject: Written Agreements between Federal, State, and Local Agencies

Basis: NUREG-0654 Evaluation Criterion A.2.b

SRP ACCEPTANCE CRITERION: Requirement H

The Calvert County REP does not identify the legal basis for the authority to assign lead responsibility for emergency preparedness to a particular county agency. Include this information in the plan, with citations from the relevant State or local statute(s), as appropriate. (See Maryland REP, Authority).

Response:

The legal basis for the authority to assign lead responsibility for emergency preparedness to a particular county agency will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include the legal basis to assign responsibility for emergency preparedness in Calvert County. This legal basis, with citations from the relevant local statute(s), will be referenced in Section 1, Concept of Operations.

RAI Calvert Cliffs – 003 B.1, Calvert County

Basis: NUREG-0654 Evaluation Criterion A.3 and C.4

The Calvert County REP, Section 1.2, Mutual Aid Agreements, states that local mutual aid agreements with the major political subdivisions within the Calvert Cliffs Nuclear Power Plant (CCNPP) Plume and Ingestion Emergency Planning Zones are outlined in the Maryland Emergency Management Assistance Compacts (MEMAC). Provide these mutual aid agreements.

Response:

The Mutual Aid is provided in the Maryland Emergency Management Assistance Compact (MEMAC). A copy of this agreement will be provided to FEMA by 9/30 2009.

Proposed Plan Change:

No changes to the Calvert County REP are proposed.

RAI Calvert Cliffs – 003 B.2, Calvert County

The Calvert County REP, Section 1.5.2.5, Parallel Actions, identifies the American Red Cross, Salvation Army, and Calvert Memorial Hospital as organizations that can be relied upon in an emergency to provide assistance. Certain other organizations (e.g., radio stations in Attachment #5, Tab A and bus contractors in Attachment #9, Tab D) are only identified in general terms. No Letters of agreement are provided. Provide information specifically identifying all assisting organizations, and provide Letters of Agreement for all assisting organizations.

Response:

Subtitle 8 of Title 14 Annotated code of Maryland defines the authority for the Emergency Management Agencies to obtain resources for assisting organizations. Additionally referenced Letters of Agreement are inherent in the State of Maryland charters and as members of Maryland Emergency Support Function (ESF) 15. This information will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

No changes to the plan are proposed.

RAI Calvert Cliffs – 007B Calvert County

Basis: NUREG-0654 Evaluation Criteria D.4 and J.9

The Calvert County REP, Section 1.5, Plan Implementation, does not specify a preferred protective action for a fast-breaking severe reactor accident. Per NUREG-0654/FEMA-REP-1, Rev 1, Supplement 3, Criteria for Protective Action Recommendations for Severe Accidents, July 1996, the preferred protective action for severe accidents is to evacuate immediately to about 2 miles in all directions from the plant and about 5 miles downwind from the plant, unless other conditions make evacuation dangerous. Provide information about any predetermined protective actions to be implemented when confronted with a fast-breaking emergency.

Response:

Plans contain a range of protective actions including those for a fast breaker.

Proposed Plan Change:

No changes are required.

RAI Calvert Cliffs – 008 A.1 Calvert County

Basis: NUREG-0654 Evaluation Criteria E.5 and J.10.c

FEMA-REP-10, Guide for the Evaluation of Alert and Notification Systems for Nuclear Power Plants,

November 1985, specifies that emergency plans provide certain technical details and broadcast periodicity for EAS stations. This includes information regarding transmission signal strength or county coverage and provisions to broadcast on a 24/7 basis. A typical broadcast interval is 15-minutes. The Calvert County REP, Attachment #5 specifies that radio or television stations will provide assistance in providing emergency information to the public and indicates that radio station information is maintained on file at the EOC. Provide a list of all radio and television stations that will provide emergency information to the public in Calvert County, as well as technical information and broadcast intervals for each.

Response:

Local Emergency Alert Stations and their frequency are listed at the bottom of each calendar page in the Constellation Energy Nuclear Generation Group, Public Emergency Response Information's calendar. The calendar is jointly developed by the State, respective plume zone county, and Calvert Cliffs Nuclear Power Plant (CCNPP) and updated on an annual basis. The broadcast intervals will vary depending on the severity of the incident.

Each station's transmission signal strength or county coverage will be included in next revision to be completed by 09/30/2009.

Proposed Plan Change:

Change county plan to include each station's transmission signal strength or county coverage. The calendar will be modified to include an asterisk beside the stations that broadcast 24/7.

RAI Calvert Cliffs – 008 A.2 Calvert County

FEMA-REP-10, Guide for the Evaluation of Alert and Notification Systems for Nuclear Power Plants, November 1985, specifies that emergency plans identify provisions for the EOC or a media center to monitor EAS broadcasts to identify and correct misinformation. The Calvert County REP does not address this requirement. Provide information regarding provisions in Calvert County to monitor EAS broadcasts.

Response:

The Public Information Officer's checklist contained in Attachment 5, Public Information SOP, identifies the provisions to monitor EAS broadcast. This checklist was provided to FEMA in previous email correspondence.

Proposed Plan Change:

No changes to the Calvert County REP are proposed.

RAI Calvert Cliffs – 009 A.1 Calvert County

Subject: Public Alert and Notification System
Basis: NUREG-0654 Evaluation Criteria E.6 and J.10.c
SRP ACCEPTANCE CRITERION: Requirement H

The Calvert County REP, Section 1.5, Plan Implementation, indicates that the sirens may be activated for testing; however, the details/types of tests and the periodic test frequency are not identified here or elsewhere in the plan. Provide information regarding the types of siren tests that are conducted and the test frequency as required by Appendix 3 to NUREG-0654/FEMA-REP-1, Rev. 1, Appendix 3, Means for Providing Prompt Alerting and Notification of Response Organizations and the Population, October, 1980.

Response:

Information regarding the types of siren tests that are conducted and the test frequency as required by Appendix 3 to NUREG-0654/FEMA-REP-1, Rev. 1, Appendix 3, Means for Providing Prompt Alerting and Notification of Response Organizations and the Population, October, 1980 are included in the county siren activation procedures and will be provided to FEMA by 09/30/2009.

Proposed Plan Change:

No changes to the plan are required.

RAI Calvert Cliffs – 009 A.2 Calvert County

The Calvert County REP, Section 2.0, Special Concerns, states that the public will be asked to aid neighbors who are handicapped, impaired, or with special needs requiring special attention. It states that a listing of handicapped or special needs citizens residing within the Calvert Cliffs Nuclear Power Plant (CCNPP) plume zone is on file at the County EOC and that the County Public Schools System maintains a listing of all handicapped students. The plan does not provide specific details regarding how special needs individuals are handled in the public alert and notification process. Provide specific information regarding alerting and notifying special needs individuals, including whether tone alert radios or telecommunications devices for the deaf (TDD) are employed as part of the public alert and notification system, as required by FEMA Guidance Memorandum 24, Radiological Emergency Preparedness for Handicapped Persons, dated April 5, 1984.

Response:

Information regarding alerting and notifying special needs individuals, including whether tone alert radios or telecommunications devices for the deaf (TDD) are employed as part of the public alert and notification system will be corrected in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Specific information regarding alerting and notifying special needs individuals, including the use of tone alert radios or telecommunications devices for the deaf (TDD) employed as part of the public alert and notification system, will be added to the Plan in Sections 1.5, Plan Implementation and 2.0, Special Concerns.

RAI Calvert Cliffs – 009 A.3 Calvert County

The Calvert County REP, Attachment #6, Sheriff's Department SOP, Tab A, says that route alerting will be used in the event of siren failure but does not indicate if there are any areas requiring special or exception route alerting due to isolation or no siren coverage. Provisions for special route alerting are discussed in FEMA-REP-10, Guide for the Evaluation of Alert and Notification Systems for Nuclear Power Plants, November, 1985. Provide information identifying any areas that require exception route alerting and provide supporting maps or procedures.

Response:

Information identifying areas that require exception route alerting will be addressed in the next revision of the plan to be completed by 09/30/2009..

Proposed Plan Change:

Attachment #6, Sheriff's Department SOP will include the areas that require exception route alerting. If such areas are found to exist, maps or procedures will be developed.

RAI Calvert Cliffs – 009 A.4 Calvert County

The Calvert County REP, Section 1.5, Plan Implementation, specifies that the only the Emergency Management Director, or his designee, may activate the sirens. The plan does not identify administrative protocols for the coordinated sounding of the sirens in all three counties during an emergency. Provide information regarding provisions to coordinate the sounding of the sirens during an emergency.

Response:

The procedure describing the administrative protocols for the coordinated sounding of the sirens in all three counties during an emergency will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Procedures for the Calvert County Emergency Management Director to coordinate sounding of the sirens with appropriate officials in any or all three of the counties during an emergency will be added to Section 1.5, Plan Implementation.

RAI Calvert Cliffs – 010 A Calvert County

Subject: Written Messages for the Public

Basis: NUREG-0654 Evaluation Criteria E.7 and J.10.c

SRP ACCEPTANCE CRITERION: Requirement H

No phone numbers are included in sample news documents included in the Calvert County REP, Attachment #5, Public Information SOP. Provide sample news documents that include phone numbers for Calvert County as required by the memorandum from KayGoss to FEMA Regional Administrators, Guidance for Providing Emergency Information and Instructions to the Public for Radiological Emergencies Using the New Emergency Alert System (EAS), February 2, 1999.

Response:

Phone numbers will be added to the sample news documents and will included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The sample news documents in the Attachment #5, Public Information SOP will be revised to include Calvert County phone numbers for the public to use to obtain emergency information.

RAI Calvert Cliffs – 011 A Calvert County

Subject: Communications with State/local Governments

Basis: NUREG-0654 Evaluation Criterion F.1.b

SRP ACCEPTANCE CRITERION: Requirement H

The Calvert County REP, Attachment 9, Tab G, Reception Centers, states that one of the Calvert County Reception Centers is located in Anne Arundel County. There is no information contained in Table 1-1 of the plan to show the protocol for communication with contiguous counties outside the plume EPZ (e.g. Anne Arundel County) that may be activated to provide support to Calvert County. Provide information describing the protocol for communicating with host counties outside the Calvert Cliffs Nuclear Power Plant (CCNPP) Emergency Planning Zone.

Response:

Information describing the protocol for communicating with host counties outside the Calvert Cliffs Nuclear Power Plant (CCNPP) Emergency Planning Zone will be corrected in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Table 1-1 of the Calvert County REP will be revised to delineate the methods available for communication with reception centers in Calvert County and with authorities/facilities in contiguous counties outside the CCNPP plume EPZ (e.g. Anne Arundel County) that may be activated to provide support to Calvert County.

RAI Calvert Cliffs – 012 B Calvert County

Basis: NUREG-0654 Evaluation Criterion F.1.c

The Calvert County REP, Section 1.1, Emergency Response Organizations, does not include provisions for direct County contact to Federal response organizations. The Calvert County REP for Calvert Cliffs Nuclear Power Plant provides an incomplete reference to Federal support, as stated in the following incomplete sentence: "A description of Federal and additional state support which may be afforded to the County...". Provide clarification of this sentence and a description of provisions for direct contact between Federal response organizations and Calvert County response organizations.

Response:

a description of provisions for direct contact between Federal response organizations and Calvert County response organizations and clarification of the sentence "A description of Federal and additional state support which may be afforded to the County..." will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 1.1, Emergency Response Organizations, will be revised to include direct communications between federal response organizations and Calvert County response organizations; and the sentence : "A description of Federal and additional state support which may be afforded to the County..." will be clarified .

RAI Calvert Cliffs – 013 B Calvert County

Basis: NUREG-0654 Evaluation Criterion F.1.d

The Calvert County REP, Attachment #3, Section 5, Calvert County Accident Assessment (Field Monitoring) SOP, states that communications with the County radiological field monitoring teams are by Fire and Rescue, State Police, Sheriff and/or County Health vehicular radios and/or RACES (amateur radio). The Plan did not state which communications methods were primary and which were backup. Provide a description of the primary and backup methods of communications with field monitoring teams.

Response:

A description of the primary and back-up methods of communications with field monitoring team will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Attachment 3, Section 5, Calvert County Accident Assessment (Field Monitoring) SOP, will be revised to include a description of the primary and backup methods of communications with field monitoring teams.

RAI Calvert Cliffs – 014 A Calvert County

Basis: NUREG-0654 Evaluation Criterion F.2

The Calvert County REP, Section 1.4, Emergency Communications, states that the Maryland Institute for Emergency Medical Services Systems (MIEMSS) Communication System provides communications link between all hospitals within the State, and with Field ambulances. The Calvert County REP does not provide information on how these communications are implemented with hospitals and ambulances, but does refer in Attachment #16, Calvert Memorial Hospital SOP, to the Calvert Memorial Hospital Disaster Plan (not provided for review) for details. Provide information about methods of communication between hospitals and ambulances in Calvert County.

Response:

The methods of communication between hospitals and ambulances will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 1.4, Emergency Communications, will be revised to include methods of communication between hospitals and ambulances.

RAI Calvert Cliffs – 015 B Calvert County

Basis: NUREG-0654 Evaluation Criterion F.3

The Calvert County REP, Section 3.2.1, Communications Drills, in the plume emergency planning zone, provides for periodic testing of the communications system, but does not provide details on how this testing will be performed. Provide detailed information about the periodic testing of emergency communications systems in Calvert County.

Response:

Information describing the periodic testing of the Calvert County emergency communications system will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Details regarding the responsibility for testing the Calvert County emergency communications system, as well as the type of testing, frequency of testing, methods for testing, and tracking of test results and repairs/calibration will be delineated in Section 3.2.1, Communications Drills, of the plan and in the SOP Summary of the responsible agency/official.

RAI Calvert Cliffs – 016 B Calvert County

Basis: NUREG-0654 Evaluation Criterion G.1

The Calvert County REP, Section 2.0, Special Concerns, does not contain samples of the public education material produced for residents of the Calvert Cliffs Nuclear Power Plant (CCNPP) Emergency Planning Zone (EPZ). Provide samples of the brochure and telephone directory information cited in the plan, as well as any other material directed at EPZ residents, including foreign language translations of the materials (if required).

Response:

Information describing the public education materials produced for EPZ residents will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Details regarding the public education materials produced for EPZ residents will be delineated in Sections 2.0, Special Concerns, and 3.4.2, Public Information Training of the plan and in the SOP Summary of the responsible agency/official. Samples of public information materials, including brochures, pamphlets, and telephone directory information will be included in the plan.

RAI Calvert Cliffs – 017 B. Calvert County

Basis: NUREG-0654 Evaluation Criterion G.2

The Calvert County REP, Section 2.0, Special Concerns, does not clearly address public information materials directed to transient EPZ populations. Identify special concerns facilities in Calvert County. Provide a list and samples of materials, including signs, decals, and other means placed in special concerns facilities and other facilities serving transients, as well as foreign language translations of the materials (if required). Also describe provisions for annual inventory and maintenance of these materials and the locations where they are posted.

Response:

Information describing the public education materials produced for transient EPZ populations will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Details regarding the public education materials produced for transient EPZ populations will be delineated in Sections 2.0, Special Concerns and 3.4.2, Public Information Training and in the SOP Summary of the responsible agency/official. A list of and samples of public information materials for transients, including brochures, pamphlets, signs, decals and telephone directory information will be included in the plan. Posting locations as well as requirements for inventory and maintenance for these materials will be included also.

RAI Calvert Cliffs – 018 B. Calvert County

Basis: NUREG-0654 Evaluation Criterion G.4.b

The Calvert County REP, Section 1.5.2.6, Plan Implementation, Public Information, Attachment #2, Department of Emergency Management SOP, and Attachment #5, Public Information SOP, mention coordination between spokespersons regarding public information, but do not contain or reference specific procedures that demonstrate how timely exchange will be implemented. Provide communications procedures addressing the timely exchange of information between spokespersons.

Response:

Information describing the exchange and coordination of public information will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Details regarding the timely exchange of public information between the various spokespersons and coordination of its release to the public will be delineated in Sections 1.3.2 Media Center, and 1.5.2, Phase 2-Operational, of the plan and in the SOP Summaries (including 1, 2, and 5) of the responsible agencies/officials.

RAI Calvert Cliffs – 019 B Calvert County

Basis: NUREG-0654 Evaluation Criterion G.4.c

The Calvert County REP, Section 10.0, Standard Operating Procedure Introduction/Index, Rumor Control, states that a rumor control hotline will be established but does not include any more detailed information. Provide procedures or other information describing coordinated arrangements for rumor control.

Response:

Information describing coordinated arrangements for rumor control will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Details regarding coordinated arrangements for rumor control between the various spokespersons and the Joint Information Center will be delineated in Sections 1.3.2 Media Center, and 1.5.2, Phase 2-Operational, and 1.5.2 of the plan and in the SOP Summaries (including 1, 2, and 5) of the responsible agencies/officials.

RAI Calvert Cliffs – 020 B Calvert County

Basis: NUREG-0654 Evaluation Criterion G.5

The Calvert County REP does not contain any information about a news media education program. Provide a general description of the annual program to acquaint the news media with the emergency plans, information concerning radiation, and points of contact for release of public information, including a description of written materials that are distributed.

Response:

Information describing the annual education program for the news media will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Details regarding the annual program to acquaint the news media with emergency plans, information concerning radiation, and points of contact for release of public information, including a description of written materials, will be delineated in Section 3.4.2 Public Information Training, of the plan and in the SOP Summary of the responsible agency/official.

RAI Calvert Cliffs – 021 B.1 Calvert County

Basis: NUREG-0654 Evaluation Criterion H.3

The Calvert County REP, Section 1.3.1, Emergency Operations Centers, did not include any discussion of methods that would be used to control personnel access to the Emergency Operations Center (EOC). Include this information in the plan.

Response:

Information describing access control to the EOC will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Details regarding the procedures and methods that would be used to control personnel access to the Emergency Operations Center (EOC) will be delineated in Section 1.3.1, Emergency Operations Center of the plan and in the SOP Summary of the responsible agency/official.

RAI Calvert Cliffs – 021 B.2 Calvert County

The Calvert County REP, Section 1.3.1, Emergency Operations Centers, contains a partial listing of facility equipment, but this list does not contain enough detail to demonstrate that equipment is sufficient to support operations. Provide a listing of facility equipment with enough detail to demonstrate that equipment is sufficient to support operations.

Response:

A list of EOC equipment will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

A comprehensive list of equipment necessary for EOC operation will be referenced in Section 1.3.1, Emergency Operations Center and added to the plan as a table.

RAI Calvert Cliffs – 024 B.1 Calvert County

Basis: NUREG-0654 Evaluation Criterion H.10

The Calvert County REP, Section 3.7, Equipment Maintenance, states that the Calvert County Emergency Management (EM) Director is responsible for equipment inventory, inspection, operational checks, and maintaining records, but does not contain or reference specific procedures. Provide procedures or other information addressing these tasks.

Response:

Information describing emergency equipment used by county agencies and maintenance and calibration of it will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Comprehensive lists of emergency equipment used by County agencies and procedures for maintenance and calibration of this equipment will be referenced in Section 3.7, Equipment Maintenance, and in the appropriate agency SOP Summary.

RAI Calvert Cliffs – 024 B.2 Calvert County

The Calvert County REP, Attachment #3, Tab C, Radiological Equipment, does not describe reserve equipment that could be to be placed in use when primary equipment was unavailable due to calibration or repair as required by NUREG 0654 Criterion H.10. Include this information in the plan.

Response:

Information describing emergency equipment used by County agencies and maintenance and calibration of it will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Comprehensive lists of emergency equipment used by County agencies will be referenced in Section 3.7, Equipment Maintenance, and the SOP Summary of the appropriate agency. The lists, including Tab C, Radiological Equipment, will include numbers required and total numbers to indicate adequate reserves.

RAI Calvert Cliffs – 025 B Calvert County

Basis: NUREG-0654 Evaluation Criterion H.11

The Calvert County REP, Attachment #3, Accident Assessment (Field Monitoring) SOP, contains descriptions of the contents of radiological monitoring equipment kits but does not include listings of protective equipment, communications equipment, and emergency supplies as required by NUREG 0654 Criterion H.11. Provide the required equipment information.

Response:

Information describing emergency equipment and kits used by county agencies and maintenance and calibration of it will be included in the next revision of the plan or implementing checklist to be completed by 09/30/2009.

Proposed Plan Change:

A comprehensive list of emergency kits by general category (protective equipment, communications equipment, radiological monitoring equipment and emergency supplies) used by county agencies will be referenced in Section 3.7, Equipment Maintenance and added as an appendix to the plan or to the implementing checklist.

RAI Calvert Cliffs – 028 A.1 Calvert County

Basis: NUREG-0654 Evaluation Criterion I.8

The Calvert County REP, Attachment 3, Accident Assessment (Field Monitoring) SOP, does not include a list of personnel and phone numbers for notification of the field monitoring team personnel. Provide the required listing or provide a reference to where this listing is kept.

Response:

The list of phone numbers for notification of the field monitoring team personnel and be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Attachment 3, Accident Assessment (Field Monitoring) SOP will reference the location of the list of phone numbers of field monitoring team personnel.

RAI Calvert Cliffs – 028 A.2 Calvert County

The Calvert County REP, Attachment 3, Accident Assessment (Field Monitoring) SOP, does not specify how many field monitoring teams will be deployed for the county. Provide the information about the number of teams that will be deployed for field monitoring.

Response:

Information describing numbers of field monitoring teams will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The required numbers of field monitoring teams will be delineated in the Accident Assessment SOP, Attachment 3.

RAI Calvert Cliffs – 028 A.3 Calvert County

The Calvert County REP, Accident Assessment (Field Monitoring) Standard Operating Procedure, states that County field monitoring teams will be directed by the County Radiological Officer. The Calvert County REP does not explain the decision-making process for determining where to send the teams and if coordination with any other agency (i.e., MDE) is conducted. Provide information about the decision-making process for determining where to send the teams and any coordination with any other agency.

Response:

Information describing the decision-making process for determining where to send the field monitoring teams and any coordination with any other agency will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Detailed information describing the decision-making process for deployment of field monitoring teams and coordination with other agencies will be delineated in Section 1.5, Plan Implementation of the plan and SOP Summaries 4.2, Division of Emergency Management, and 4.5 Health Department.

RAI Calvert Cliffs – 028 A.4 Calvert County

The Calvert County REP, Attachment 3, Accident Assessment (Field Monitoring) Standard Operating Procedure, states that equipment checks will be performed at the staging area. Provide information or procedures describing how equipment checks should be conducted, verification of calibration stickers, and direction for establishing a background measurement prior to deployment.

Response:

Information describing operational checks of field monitoring equipment will be included in the next revision of Attachment 3, Accident Assessment (Field Monitoring) SOP to be completed by 09/30/2009.

Proposed Plan Change:

Detailed information describing how equipment checks should be conducted, verification of calibration stickers, and direction for establishing a background measurement prior to deployment will be added to Attachment 3, Accident Assessment (Field Monitoring) SOP.

RAI Calvert Cliffs – 028 A.5 Calvert County

The Calvert County REP, Attachment 3, Accident Assessment (Field Monitoring) Standard Operating Procedure, does not include a description of transportation resources for the field teams. Provide information on the types and sources of transportation available to the field teams.

Response:

The Sheriffs Office, Maryland State Police, and Department of Natural Resources Police provide transportation support for field monitoring teams. However, information describing all of the

transportation resources available to field monitoring teams will be included in the next revision of Attachment 3, Accident Assessment (Field Monitoring) Standard Operating Procedure.

Proposed Plan Change:

Detailed information describing all of the various types and sources of transportation available to the field monitoring teams will be added to Attachment 3, Accident Assessment (Field Monitoring) Standard Operating Procedure.

RAI Calvert Cliffs – 032 A.1 Calvert County

Basis: NUREG-0654 Evaluation Criterion J.2

The Calvert County REP, Attachment #6, Sheriff's Department SOP, does not include the number of persons that would evacuate from the Calvert Cliffs Nuclear Power Plant (CCNPP) site during an emergency. Include this information in the plan.

Response:

Information describing the the number of persons that would evacuate from the CCNPP site during an emergency will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Information describing the evacuation of site area personnel, including timing, notification of County authorities, approximate numbers, and evacuation destinations will be delineated the plan and SOP Summary 4.3, Sheriff's Department..

RAI Calvert Cliffs – 032 A.2 Calvert County

The Calvert County REP, Attachment #6, Sheriff's Department SOP, does not include discussion of an agreement that the CCNPP would notify the Calvert County in a timely manner that the CCNPP site would be evacuating. Include this information in the plan.

Response:

Information describing the evacuation of CCNPP onsite personnel will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Detailed information describing the discussion of an agreement that the CCNPP would notify the Calvert County in a timely manner that the CCNPP site would be evacuating will be delineated the plan and SOP Summary 4.3, Sheriff's Department.

RAI Calvert Cliffs – 034 B Calvert County

Basis: NUREG-0654 Evaluation Criterion J.10.a

The Calvert County REP does not contain all of the map information specified in established FEMA guidance. Provide maps of radiological sampling and monitoring points (including water sources), relocation centers, and shelter areas. Also provide the frequency for updating maps and the organization(s) responsible for map maintenance.

Response:

Maps of radiological sampling and monitoring points (including water sources), relocation centers, and shelter areas will be provided to FEMA Region III on 07/30/2009.

Information describing the frequency for updating maps and the organization(s) responsible for map maintenance. will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Detailed information referencing the required maps; the frequency for updating maps; and the organization(s) responsible for map maintenance will be delineated in Sections 1.5, Plan Maintenance and 3.6, Plan Maintenance of the plan and SOP Summaries 4.2, Division of Emergency Management and 4.5, Health Department.

RAI Calvert Cliffs – 035 B Calvert County

Basis: NUREG-0654 Evaluation Criterion J.10.b

The Calvert County REP does not contain maps showing the population distribution around the nuclear facility. Provide maps of the population distribution around the Calvert Cliffs Nuclear Power Plant (CCNPP) by protective action zone, and identify directly, or reference where to find, school populations (including day-care centers) and other special populations, including the maximum anticipated population at recreation areas.

Response:

Maps of the population distribution around CCNPP by protective action zone are included in the CCNPP evacuation time estimates and will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Information referencing required maps and school and special population locations/numbers will be included in Sections 1.5, Plan Maintenance 2, and 3.6, Plan Maintenance of the plan and SOP Summary 4.2, Division of Emergency Management.

RAI Calvert Cliffs – 036 A Calvert County

Basis: NUREG-0654 Evaluation Criterion J.10.d

The Calvert County REP, Section 2.0, Special Concerns, includes a list of special facilities, but does not include sufficient detail pertaining to those persons whose mobility may be impaired due to such factors as institutional or other confinement. The following information is needed:

RAI Calvert Cliffs – 036 A.1 Calvert County

Provide the Plans for the Schools (Public and Private that are in the Emergency Planning Zone (EPZ).

Response:

Public and private schools plans will be submitted to FEMA Region III on 9/30/2009

Proposed Plan Change:

No changes to the Calvert County REP are proposed.

RAI Calvert Cliffs – 036 A.2 Calvert County

Provide information on how the hearing impaired residents (if there are any present) would be notified of an emergency.

Response:

Hearing impaired residents are notified of an emergency situation through the CodeRed emergency notification system. All individuals with TDD devices in their homes may sign up to receive notification. Information on how the hearing impaired residents would be notified of an emergency will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include how hearing impaired residents will be notified of an emergency.

RAI Calvert Cliffs – 036 A.3 Calvert County

Provide information on how the health care facilities such as nursing homes would be informed of an emergency.

Response:

Information on how the health care facilities would be informed of an emergency will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include how the health care facilities would be informed of an emergency.

RAI Calvert Cliffs – 036 A.4 Calvert County

Provide the list of Day Care Centers.

Response:

A list of Day care centers will be provided to FEMA Region III on 9/30/2009.

Proposed Plan Change:

No changes to the Calvert County REP are proposed.

RAI Calvert Cliffs – 036 A.5 Calvert County

Provide (other than for schools) the types (buses, ambulances, wheel chair vans etc) and number of these vehicles that would be required to move the mobility impaired individuals.

Response:

The types and number of these vehicles that would be required to move the mobility impaired individuals will be included in the next revision of the plan or appropriate checklist to be completed by 09/30/2009.

Proposed Plan Change:

The plan or checklist will be revised to include the types and number of these vehicles that would be required to move the mobility impaired individuals.

RAI Calvert Cliffs – 036 A.6 Calvert County

Provide the time frame (time for transportation mobilization, deployment, loading and evacuation) for implementing the evacuation of the mobility impaired (should be extracted from the Evacuation Time Estimate Study and provided in the Plan).

Response:

The time frame for implementing the evacuation of the mobility impaired will be provided to FEMA Region III by 09/30/2009.

Proposed Plan Change:

No changes to the Calvert County REP are proposed.

RAI Calvert Cliffs – 037 B Calvert County

Basis: NUREG-0654 Evaluation Criterion J.10.e

The Calvert County REP, Attachment #8, Calvert County Health Department SOP, does not provide information on the supply of KI, storage location, maintenance, instructions for use, or means of distribution (pre- distribution program and distribution at reception centers) for the general public. Use of KI for institutionalized persons is not addressed in the Calvert County REP. Provide information on policies and procedures on the use and administration, distribution, and storage requirements for KI for emergency workers, institutionalized persons, and the general public in Calvert County.

Response:

Information on policies and procedures on the use and administration, distribution, and storage requirements for KI for emergency workers, institutionalized persons, and the general public in Calvert County will be included in the next revision of Attachment #8, Calvert County Health Department SOP to be completed by 09/30/2009.

Proposed Plan Change:

Revise Attachment #8 Calvert County Health Department SOP to include policies and procedures on the use and administration, distribution, and storage requirements for KI for emergency workers, institutionalized persons, and the general public.

RAI Calvert Cliffs – 038 B Calvert County

Basis: NUREG-0654 Evaluation Criterion J.10.f

The Calvert County REP, Attachment #4, Radiation Exposure Control SOP, provides a PAG for administration of KI for emergency workers but does not describe the method by which decisions by the State Health Department for administering radioprotective drugs to the general population are made during an emergency. Provide SOPs or other information describing the basis for administration of KI to emergency workers and the general public.

Response:

The Radiological Officer checklist will be provided to FEMA Region IIII by 09/30/2009.

Proposed Plan Change:

No changes to the Calvert County REP are proposed.

RAI Calvert Cliffs – 039 A Calvert County

Basis: NUREG-0654 Evaluation Criterion J.10.g

The Calvert County REP, Attachment #6, Sheriff's Department SOP, states that the Sheriff's Department will be responsible for coordinating evacuation, but the plan lacks the details below regarding the means of evacuation required by Guidance Memorandum 21, Rev.1, Acceptance Criteria for Evacuation Plans, February 29, 1984.

RAI Calvert Cliffs – 039 A.1 Calvert County

For Calvert County provide the list of contractors who supply transportation resources and the Letters of Agreement with private transportation providers.

Response:

Subtitle 8 of Title 14 Annotated code of Maryland defines the authority for the Emergency Management Agencies to obtain resources for assisting organizations. Additionally referenced Letters of Agreement are inherent in the State of Maryland charters and as members of Maryland Emergency Support Function (ESF) 15. This information will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include contractors who supply transportation resources and reference the appropriate authority or agreements with private transportation providers.

RAI Calvert Cliffs – 039 A.2 Calvert County

For Calvert County buses will be assigned to travel pre designated routes to pick up members of the public who need transportation. Provide a map of these routes and the pre designated pick up points.

Response:

Maps of the pre designated routes to pick up members of the public who need transportation and a list of the pre designated pick-up points will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be modified to include maps of the pre designated routes and pick up points for the members of the public who need transportation.

RAI Calvert Cliffs – 039 A.3 Calvert County

For Calvert County provide the method used to estimate the number of evacuees who will need transportation assistance is not provided.

Response:

The method used to estimate the number of evacuees who will need transportation assistance will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Revise the plan to include the method used to estimate the number of evacuees who will need transportation assistance.

RAI Calvert Cliffs – 039 A.4 Calvert County

For Calvert County provide a map with the evacuation routes and the locations of the Access Control Points (ACP) and the Traffic Control Points (TCP).

Response:

A map(s) with the evacuation routes and the locations of the ACP and the TCP will be provided to FEMA Region III 09/30/2009.

Proposed Plan Change:

A list of TCPs and ACPs will be added to the plan.

RAI Calvert Cliffs – 039 A.5 Calvert County

For Calvert County provide information (layout, equipment, personnel etc) pertinent to the set up and implementation of the ACP and TCP. Provide a drawing for each ACP and TCP showing the layout, set up of equipment and the number of personnel.

Response:

A drawing for each ACP and TCP showing the layout, set up of equipment and the number of personnel will be included the next revision of Attachment 6, Sheriffs Department, to be completed by 09/30/2009.

Proposed Plan Change:

Reference in Attachment 6, Sheriffs Department, a drawing of each ACP and TCP showing the layout, set up of equipment and the number of personnel.

RAI Calvert Cliffs – 040 A. Calvert County

Basis: NUREG-0654 Evaluation Criterion J.10.h

The Calvert County REP, Attachment #9, Board of Education SOP, Tab C states that a list of Mass Care Centers is maintained in the EOC. The list was not provided for review. The plan lacks the details below regarding reception centers required by Guidance Memorandum 21, Rev.1, Acceptance Criteria for Evacuation Plans, February 29, 1984.

RAI Calvert Cliffs – 040 A.1 Calvert County

A list of the Reception Centers and Mass Care Centers that will be maintained in the EOC.

Response:

A list of Reception Centers and Mass Care Centers will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include a list of Reception Centers and Mass Care Centers.

RAI Calvert Cliffs – 040 A.2 Calvert County

For Calvert County provide the capacities of the Mass Care Centers.

Response:

The capacities of the Mass Care Centers will be included the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Revise the plan to include the capacities of Mass Care Centers.

RAI Calvert Cliffs – 040 A.3 Calvert County

For Calvert County provide the list of Reception Centers and Mass Care Centers accessible to handicapped persons.

Response:

List of Reception Centers and Mass Care Centers accessible to handicapped persons will maintained on file and provided to FEMA Region II by 09/30/2009.

Proposed Plan Change:

No changes to the plan are required

RAI Calvert Cliffs – 040 A.4 Calvert County

For Calvert County describe how or provide a drawing showing the areas will be set aside in the Reception Centers and Mass Care Centers for the sensory and movement impaired, the elderly and mentally disabled.

Response:

Regulations included in the Americans with Disabilities Act prohibit these discriminations.

Proposed Plan Change:

No changes to the plan are proposed.

RAI Calvert Cliffs – 040 A.5 Calvert County

For Calvert County provide the list of health care facilities (nursing homes) in the EPZ and the host facilities that will receive evacuees from these homes.

Response:

A list of health care facilities (nursing homes) in the EPZ and the host facilities will be provided to FEMA Region III by 09/30/2009.

Proposed Plan Change:

No changes to the plan are proposed.

RAI Calvert Cliffs – 041 B.1 Calvert County

Basis: NUREG-0654 Evaluation Criterion J.10.i and J.10.I

The Calvert County REP, Attachment #5, Public Information SOP, contains a map of evacuation routes, but does not include selected data from the ETE Study such as evacuation time estimates for the general population and the special population groups. Provide information about how such data from

the ETE Study has been included in the Calvert County REP, and the appropriate procedures, such as the Board of Education and Social Services.

Response:

Evacuation time estimates for the general population and the special population groups will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include evacuation time estimates for the general population and the special population groups.

RAI Calvert Cliffs – 041 B.2 Calvert County

The Calvert County REP does not include the current and the proposed ETE Study's recommendations for the location of traffic control and access control points to address identified impediments to traffic flow. Provide information about how such recommendations have been included in the plan and the appropriate procedures, such as the Sheriff's Department and State Police.

Response:

ETE Study's recommendations for the location of traffic control and access control points to address identified impediments to traffic flow will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include the ETE Study's recommendations for the location of traffic control and access control points to address identified impediments to traffic flow.

RAI Calvert Cliffs – 042 B Calvert County

Basis: NUREG-0654 Evaluation Criterion J.10.]

The Calvert County REP provides for access control of roads and waterways in Attachment #6, Sheriff's Department SOP, Attachment #14, Maryland State Police SOP, and Attachment #15, Department of Natural Resources SOP, but lacks the following items and procedures:

Response:

Procedure for access control of air and rail traffic will be provided to FEMA Region III on 9/30/2009.

Proposed Plan Change:

No changes to the plan are proposed.

RAI Calvert Cliffs – 042 B.2 Calvert County

For Calvert County provide a map with the evacuation routes and the locations of the Access Control Points (ACP) and the Traffic Control Points (TCP).

Response:

A map with evacuation routes and the locations of the Access Control Points (ACP) and the Traffic Control Points (TCP) will be included in the next revision of the plan to be completed by 09/30/2009..

Proposed Plan Change:

A map with the evacuation routes and the locations of the Access Control Points (ACP) and the Traffic Control Points (TCP) will be included in Attachment 6, Sheriff's Department SOP.

RAI Calvert Cliffs – 042 B.3 Calvert County

For Calvert County provide information (layout, equipment, personnel etc) pertinent to the set up and implementation of the ACP and TCP. Provide a drawing for each ACP and TCP showing the layout, set up of equipment and the number of personnel.

Response:

A drawing for each ACP and TCP showing the layout, set up of equipment and the number of personnel will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Attachment 6, Sheriff's Department will be revised to include a drawing for each ACP and TCP showing the layout, set up of equipment and the number of personnel.

RAI Calvert Cliffs – 045 B.1 Calvert County

Basis: NUREG-0654 Evaluation Criterion J.12

The Calvert County REP, Attachment #4, Radiation Exposure Control Procedures, provides general descriptions of instrument types and methods for the radiological monitoring and registration of evacuees. However, insufficient information was provided in county plans and procedures for review to determine the adequacy of personnel and monitoring equipment available to monitor residents and transients arriving at relocation (reception) centers within about a 12 hour period. The information not provided includes the quantities of hand-held instruments by type, the quantities of portal monitors if used, and type (stating they meet required sensitivity according to current FEMA guidance), the numbers of trained personnel available to perform evacuee monitoring, and a description of how available resources meet the requirement for monitoring 20% of the EPZ population assigned to each reception center can be met in a 12 hour period. Provide this documentation.

Response:

The quantities of hand-held instruments by type, the quantities of portal monitors if used, and type (stating they meet required sensitivity according to current FEMA guidance), the numbers of trained personnel available to perform evacuee monitoring, and a description of how available resources meet the requirement for monitoring 20% of the EPZ population assigned to each reception center can be met in a 12 hour period will be provided in Attachment #4, Radiation Exposure Control Procedures the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Revise Attachment #4, Radiation Exposure Control Procedures to include the quantities of hand-held instruments by type, the quantities of portal monitors if used, and type (stating they meet required sensitivity according to current FEMA guidance), the numbers of trained personnel available to perform evacuee monitoring, and a description of how available resources meet the requirement for monitoring 20% of the EPZ population assigned to each reception center can be met in a 12 hour period.

RAI Calvert Cliffs – 045 B.2 Calvert County

The Calvert County REP, Section 1.0, Concept of Operations, makes reference (1.5.2.5) to county monitoring and decontamination centers in Table 1-5; however, Table 1-5 was not contained in the

Calvert County RERP. The Calvert County RERP, Attachment 9, Tabs G and H, Board of Education SOP, provides a listing of radiological monitoring and decontamination centers for evacuees located in Calvert County and Anne Arundel County. No information was provided for evacuee monitoring capabilities in Anne Arundel County, or in Charles County (Charles County is referred to as an evacuation support county for Calvert County in the Maryland EOP, Annex Q, REP). Provide this information.

Response:

A list of evacuee monitoring capabilities in Anne Arundel County, and in Charles County will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Revise Attachment 9, Tabs G and H, Board of Education SOP, in the Board of Education SOP to include the evacuee monitoring capabilities in Anne Arundel County, or in Charles County.

RAI Calvert Cliffs – 046 B Calvert County

Basis: NUREG-0654 Evaluation Criterion K.3.a

The Calvert County REP, SOP Introduction, Section 5 lists locations where emergency workers should obtain dosimetry but, does not provide information on the quantities of dosimeters and dosimeter chargers available per location, or the number of persons (emergency workers) needing dosimetry. Provide information on the quantities of dosimeters and dosimeter chargers available per location and the number of persons (emergency workers) needing dosimetry.

Response:

Attachment 3, Accident Assessment (Field Monitoring) Standard Operating Procedure, Tab C, lists the total dosimetry available. However, information referencing exposure control procedures and numbers of dosimeters needed, will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Information referencing quantities of dosimeters and dosimeter chargers available per location and the number of persons (emergency workers) needing dosimetry will be delineated in Sections 1.5, Plan Implementation and 3.7, Equipment Maintenance of the plan and SOP Summary 4.2, Division of Emergency Management and listed in Attachment 3, Accident Assessment (Field Monitoring) Standard Operating Procedure, Tab C.

RAI Calvert Cliffs – 047 B Calvert County

Basis: NUREG-0654 Evaluation Criterion K.4

The Calvert County REP, Attachment 4-1, Emergency Personnel Exposure Control, Step 3.1.1, states that the County Health Officer must approve planned exposures above 1 rem. Step 3.1.2 has been omitted. Also, Step 3.1.3 requires the control of emergency team member exposure to 5 rem (CEDE) whole body except for lifesaving missions. The 5 rem control level should be expressed in dose, as Total Effective Dose Equivalent (TEDE) instead. Provide a discussion of the process of how the County Health Officer approves planned exposures above 1 rem.

Response:

Information referencing bases for the emergency worker exposure authorization process will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Information referencing the emergency worker exposure authorization process and procedures will be

delineated in Sections 1.5, Plan Implementation, and 3.3, Protective Action Guides, of the plan and SOP Summary 4.2, Division of Emergency Management. The process will be detailed in Attachment 4-1, Emergency Personnel Exposure Control.

RAI Calvert Cliffs – 048 B Calvert County

Basis: NUREG-0654 Evaluation Criterion K.5.a

The Calvert County REP, Attachment 3, Accident Assessment (Field Monitoring), Tab C, Radiological Equipment indicates that radiological equipment includes two portal monitors but does not provide the information (i.e. make and model) to verify that the equipment can meet the requirements in FEMA-REP-21, Contamination Monitoring Standard For A Portal Monitor Used For Radiological Emergency Response. Provide information about the type and capabilities of the portal monitors to be used for monitoring emergency worker, including the sensitivity.

Response:

The make, model, and technical specifications of the portal monitor(s) will be provided to FEMA Region III on 9/30/2009.

Proposed Plan Change:

No plan changes to the Calvert County Plan are anticipated.

RAI Calvert Cliffs – 049 B Calvert County

Basis: NUREG-0654 Evaluation Criterion K.5.b

The Calvert County REP, Attachment #4, Radiation Exposure Control Procedures, includes detailed procedures but does not include an inventory of supplies (soap, mild detergent, and other removal agents) to be provided for each decontamination center. No information is provided indicating the number of people trained and available to perform decontamination in the event of an emergency. Provide SOPs or other documentation of this information.

Response:

Information detailing the inventory of supplies and numbers of trained decontamination workers will be included in the next revision of Attachment #4, Radiation Exposure Control Procedures to be completed by 09/30/2009.

Proposed Plan Change:

Detailed information listing an inventory of supplies (soap, mild detergent, and other removal agents) to be provided for each decontamination center and the number of people trained and available to perform decontamination will be added to Attachment 4-3, Radiological Personnel Decontamination Procedures.

RAI Calvert Cliffs – 050 B.1 Calvert County

Basis: NUREG-0654 Evaluation Criterion L.1

The Calvert County REP, Attachment #16, Calvert Memorial Hospital SOP, names 3 hospitals capable of treating radioactively contaminated patients, but does not include information describing individual medical facility capabilities, including the number of radiologically trained medical personnel and support staff, hospital and support service operations for treating contaminated or exposed individuals, and did not address dosimetry procedures, including recordkeeping and final receipt for processing were not provided for these facilities. Provide information describing individual medical facility capabilities in Calvert County.

Response:

Information describing individual medical facility capabilities, including the number of radiologically trained medical personnel and support staff, hospital and support service operations for treating contaminated or exposed individuals, and dosimetry procedures, including recordkeeping and final receipt for processing will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Attachment #16, Calvert Memorial Hospital, will be modified to include individual medical facility capabilities, including the number of radiologically trained medical personnel and support staff, hospital and support service operations for treating contaminated or exposed individuals, as well as dosimetry procedures, including record keeping and final receipt for processing.

RAI Calvert Cliffs – 050 B.2 Calvert County

The Calvert County REP does not contain required information regarding outside radiological support and available technical staff not employed by the respective hospitals/medical facilities. Provide information regarding radiological support and available technical staff outside Calvert County.

Response:

Information regarding radiological support and available technical staff outside Calvert County will be incorporated in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Revised the REP to identify outside radiological support and available technical staff that are not employed by the respective hospitals/medical facilities.

RAI Calvert Cliffs – 052 B Calvert County

Basis: NUREG-0654 Evaluation Criterion L.4

The Calvert County REP does not contain documentation applicable to additional EMS resources for transporting contaminated injured persons. Provide information on additional EMS resources and the applicable mutual aid agreements.

Response:

Documentation applicable to additional EMS resources will be included in the next revision of the plan to be completed by 09/30/2009. Mutual aid agreements will be provided to FEMA Region III by 09/30/2009.

Proposed Plan Change:

The REP will be revised to include additional EMS resources to assist with the transport of contaminated injured persons.

RAI Calvert Cliffs – 056 A.1 Calvert County

Basis: NUREG-0654 Evaluation Criterion N.1.a

The Calvert County REP, Section 3.3, Exercises, states that exercises will be developed and conducted, but does not specifically state that these exercises will simulate emergencies that will result in offsite radiological releases requiring a response by offsite authorities. Provide this language in the

plan.

Response:

Section 3.3 Exercises, of the Calvert County REP, states at least once every two years Calvert Emergency Management in conjunction with the MEMA and CCNPP will prepare and conduct an emergency response exercise of the REP. Section 6.3 Exercises, in Annex Q, states that at least once every two years, MEMA will coordinate the preparation and conduct an emergency response exercise of the REP. Exercises shall be conducted as set forth in NRC and FEMA rules. The exercise shall simulate an emergency which results in off-site radiological releases which would require the response of off-site authorities.

Proposed Plan Change:

No changes to Calvert County REP are proposed.

RAI Calvert Cliffs – 056 A.2 Calvert County

The Calvert County REP also does not state that these exercises will be conducted as set forth in NRC and FEMA rules. Provide this language in the plan.

Response:

Section 3.3, Exercises, of the Calvert County REP states at least once every two years, Calvert EM in conjunction with the MEMA and CCNPP will prepare and conduct an emergency response exercise of the REP. Section 6.3 Exercises, in the Maryland EOP, Annex Q, REP states that at least once every two years, MEMA will coordinate the preparation and conduct an emergency response exercise of the REP. Exercises shall be conducted as set forth in NRC and FEMA rules.

Proposed Plan Change:

No changes to Calvert County REP are proposed.

RAI Calvert Cliffs – 057 B.1 Calvert County

Basis: NUREG-0654 Evaluation Criterion N.1.b

The Calvert County REP, Section 3.3, Exercises, does not indicate that scenarios should be varied from exercise to exercise, such that the major elements of the plans and preparedness organizations are tested within a six-year period. Provide this language in the plan.

Response:

A sentence indicating that scenarios should be varied from exercise to exercise, such that the major elements of the plans and preparedness organizations are tested within a six-year period will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.3 Exercises, will be revised to include a statement indicating that scenarios should be varied from exercise to exercise, such that the major elements of the plans and preparedness organizations are tested within a six-year period.

RAI Calvert Cliffs – 057 B.2 Calvert County

The Calvert County REP does not include provisions to start an exercise between 6:00 p.m. and 4:00 a.m. within a six-year period. Include this provision in the plan.

Response:

After hours exercises are no longer required.

Proposed Plan Change:

The Plan will be revised to state that exercise will be conducted in accordance with applicable State and federal requirements.

RAI Calvert Cliffs – 057 B.3 Calvert County

The Calvert County REP does not include provisions for exercising in different seasons of the year and under various weather conditions. Include this provision in the plan.

Response:

Provisions for exercising in different seasons of the year and under various weather conditions will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.3, Exercises, will be revised to include provisions for exercising in different seasons of the year and under various weather conditions.

RAI Calvert Cliffs – 057 B.4 Calvert County

The Calvert County REP does not indicate that at least one exercise over a period of six years should be unannounced. Include this provision in the plan.

Response:

Unannounced exercises are no longer required.

Proposed Plan Change:

The Plan will be revised to include state that exercise will be conducted in accordance with applicable State and federal requirements.

RAI Calvert Cliffs – 058 B.1 Calvert County

The Calvert County REP, Section 3.2.1, Communication Drills, does not reference the annual test of communications between the Calvert Cliffs Nuclear Power Plant, the State of Maryland; the Calvert County, Dorchester County, and St. Mary's County Emergency Operation Centers, and field assessment teams. Provide a information indicating that Calvert County participates in this annual test of communications in the plan.

Response:

The annual test of communications between the CCNP, the State and the County EOCs, and field assessment teams will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.2.1, Communication Drills will be revised to include the annual test of communications between the CCNP, the State and the County EOCs, and field assessment teams.

RAI Calvert Cliffs – 058 B.2 Calvert County

Basis: NUREG-0654 Evaluation Criterion N.2.a

The Calvert County REP also does not adequately address the requirement that the content of messages shall be understood during communications drills. Include this provision in the plan.

Response:

A statement addressing the requirement that all communications drills shall include understanding the content of messages will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.2.1 Communication Drills, will be revised to include the requirement that all communications drills shall include understanding the content of messages.

RAI Calvert Cliffs – 059 A.1 Calvert County

Basis: NUREG-0654 Evaluation Criterion N.2.c

The Calvert County REP for CCNPP, Section 3.2.2, Medical Emergency Drills, says that the Department of Public Safety will participate in Calvert Memorial Hospital's annual medical emergency drill, but does not indicate that the drill will involve a simulated contaminated individual. Include this provision in the plan.

Response:

A simulated contaminated and injured individual will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.2.2 Medical Emergency Drills, will be revised to include a simulated contaminated and injured individual.

RAI Calvert Cliffs – 059 A.2 Calvert County

The Calvert County REP for CCNPP, Section 3.2.2, Medical Emergency Drills, does not indicate if additional agencies such as ambulance services will be involved in annual medical drills, and if so, which agencies. Provide this information.

Response:

The ambulance services that may be involved in annual medical drills will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.2.2, Medical Emergency Drills, will be revised to include the ambulance services that may be involved in annual medical drills.

RAI Calvert Cliffs – 060 B.1 Calvert County

Basis: NUREG-0654 Evaluation Criterion N.2.d

The Calvert County REP, Section 3.3.2, Radiological Monitoring Drills, does not include provisions for radiological monitoring drills related to the plume exposure pathway or ingestion exposure pathway emergency planning zones to be conducted at least annually. Include this provision in the plan.

Response:

Annual radiological monitoring drills related to the plume exposure pathway or ingestion exposure pathway emergency planning zones will be added in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.3.2, Radiological Monitoring Drills, will be modified to include annual radiological monitoring drills related to the plume exposure pathway or ingestion exposure pathway emergency planning zones.

RAI Calvert Cliffs – 060 B.2 Calvert County

The Calvert County REP, Section 3.3.2, Radiological Monitoring Drills, also does not indicate that communications and record keeping will be a part of the annual radiological monitoring drills. Include this provision in the plan.

Response:

Provisions for communications and record keeping will be added in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.3.2 Radiological Monitoring Drills, will be modified to ensure communications and record keeping are included in annual radiological monitoring drills.

RAI Calvert Cliffs – 061 A.1 Calvert County

Basis: NUREG-0654 Evaluation Criterion N.3.a

The Calvert County REP, Section 3.1, Scenarios, does not include provisions for each organization to describe how exercises and drills are to be carried out to allow free play for decision making. Include this information in the plan.

Response:

Provisions for each organization to describe how exercises and drills are to be carried out to allow free play for decision making will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.1, Scenarios, will be revised to include provisions for each organization to describe how exercises and drills are to be carried out to allow free play for decision-making.

RAI Calvert Cliffs – 061 A.2 Calvert County

The Calvert County REP, Section 3.1, Scenarios, also does not indicate that the following information must be included in the development of exercise scenarios: basic objectives; appropriate evaluation criteria. Provide information indicating will the above information will be included any development of exercise scenarios by Calvert County.

Response:

Basic objectives and appropriate evaluation criteria will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.1, Scenarios, will be revised to include basic objectives and appropriate evaluation criteria.

RAI Calvert Cliffs – 062 A Calvert County

Basis: NUREG-0654 Evaluation Criterion N.3.b

The Calvert County REP, Section 3.1, Scenarios, also does not indicate that the following information must be included in the development of exercise scenarios: the date(s), time period, place(s), and participating organizations. Provide information indicating will the above information will be included any development of exercise scenarios by Calvert County.

Response:

The date(s), time period, place(s), and participating organizations will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.1, Scenarios will be revised to include the date(s), time period, place(s), and participating organizations.

RAI Calvert Cliffs – 063 D (A) Calvert County

Basis: NUREG-0654 Evaluation Criterion N.3.c

The Calvert County REP, Section 3.1, Scenarios, also does not indicate that the following information must be included in the development of exercise scenarios: the simulated events. Provide information indicating will the above information will be included any development of exercise scenarios by Calvert County.

Response:

Simulated events will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.1, Scenarios, will be revised to include simulated events.

RAI Calvert Cliffs – 064 A Calvert County

Basis: NUREG-0654 Evaluation Criterion N.3.d

The Calvert County REP, Section 3.1, Scenarios, also does not indicate that the following information must be included in the development of exercise scenarios: a time schedule of real and simulated initiating events. Provide information indicating will the above information will be included any development of exercise scenarios by Calvert County.

Response:

A time schedule of real and simulated initiating events will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.1, Scenarios, will be revised to include a time schedule of real and simulated initiating events.

RAI Calvert Cliffs – 065 A Calvert County

Basis: NUREG-0654 Evaluation Criterion N.3.e

The Calvert County REP, Section 3.1, Scenarios, also does not indicate that the following information must be included in the development of exercise scenarios: a narrative summary describing the conduct of the exercises or drills to include such things as simulated casualties, offsite fire department assistance, rescue of personnel, use of protective clothing, deployment of radiological monitoring teams, and public information activities. Provide information indicating will the above information will be included any development of exercise scenarios by Calvert County.

Response:

A narrative summary will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

A narrative summary will be included in Section 3.1, Scenarios.

RAI Calvert Cliffs – 066 A Calvert County

Basis: NUREG-0654 Evaluation Criterion N.3.f

The Calvert County REP, Section 3.1, Scenarios, does not include a statement regarding the description of the arrangements for and advance materials to be provided to official observers. Provide a description of the arrangements for and advance materials to be provided to official observers.

Response:

Advance materials to be provided to official observers will be added in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.1, Scenarios, will be revised to include advance drill and exercise materials be provided to official observers.

RAI Calvert Cliffs – 067 A Calvert County

Basis: NUREG-0654 Evaluation Criterion N.4

The Calvert County REP, Section 3.5, Critique, does not provide for a critique to evaluate the ability of organizations to respond as called for in the plan as soon as practical following the exercise. Include this provision in the plan.

Response:

A critique conducted as soon as practical following the exercise will be added in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

A critique conducted as soon as practical following the exercise will be included in Section 3.5, Critique.

RAI Calvert Cliffs – 068 B.1 Calvert County

Basis: NUREG-0654 Evaluation Criterion N.5

The Calvert County REP provides no information on how organizations would establish a means for

evaluating observer and participant comments for areas needing improvement, including emergency plan procedural changes, and responsibility for implementing corrective actions. Include this information in the plan.

Response:

Information regarding the establishment of a means for evaluating observer and participant comments on areas needing improvement, procedural changes and implementing corrective actions will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The REP to include information regarding the establishment of a means for evaluating observer and participant comments on areas needing improvement, procedural changes and implementing corrective actions.

RAI Calvert Cliffs – 068 B.2 Calvert County

The Calvert County REP did not establish how each organization will ensure that corrective actions are implemented. Include this information in the plan.

Response:

A means to ensure that corrective actions are implemented will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include a means to ensure corrective actions are implemented.

RAI Calvert Cliffs – 069 A Calvert County

Basis: NUREG-0654 Evaluation Criterion O.1.b

The Calvert County REP does not address provisions to offer training to other departments who are members of their mutual aid district. Include this information in the plan.

Response:

Training offered to members of the mutual aid districts will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include training members of mutual aid districts.

RAI Calvert Cliffs – 076 B Calvert County

Basis: NUREG-0654 Evaluation Criterion P.5

The Calvert County REP, Section 3.6, Plan Maintenance, states that formal changes and revised pages will be dated and marked to show where changes have been made. The plan has revised pages dated but not marked to show where changes have been made. Provide information on how such plans are marked to show where changes have been made.

Response:

Information on how plans are marked to show where changes have been made will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.6, Plan Maintenance will be revised to show how plans are marked to identify where changes have been made.

RAI Calvert Cliffs – 078 B.1 Calvert County

Basis: NUREG-0654 Evaluation Criterion P.8

The NUREG Cross-Reference is missing from Calvert County REP. Provide a NUREG Cross-Reference for the Calvert County REP.

Response:

The NUREG 0654 Cross-Reference table is provided in Attachment 1, NUREG 0654 Cross Reference, and will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

NUREG 0654 Cross-Reference table will be included in the next revision of the Calvert County REP.

RAI Calvert Cliffs – 078 B.2 Calvert County

The Table of Contents is missing from the Calvert County REP. Provide a Table of Contents for the Calvert County REP.

Response:

A Table of Contents for the Calvert County REP will be developed and included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

A Table of Contents for the Calvert County REP will be developed and included in the next revision of the plan.

RAI Calvert Cliffs – 079 B Calvert County

Basis: NUREG-0654 Evaluation Criterion P.10

The Calvert County REP, Section 3.6, Plan Maintenance, indicates that telephone numbers and staff assignments will be updated quarterly, but does not include maps in the quarterly update as required by FEMA PR-1, Policy on 0654/FEMA-REP-1 and 44 CFR 350 Requirements. Include this provision in the plan.

Response:

Maps to be included in the quarterly update will be identified in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Maps to be included in the quarterly update will be identified in Section 3.6, Plan Maintenance.

St Mary's County

RAI Calvert Cliffs – 002 C. St. Mary's County

Basis: NUREG-0654 Evaluation Criterion A.2.b

The St. Mary's County REP does not identify the legal basis for the authority to assign lead responsibility for emergency preparedness to a particular county agency. Include this information in the plan, with citations from the relevant State or local statute(s), as appropriate. (See Maryland REP, Authority)

Response:

The legal basis for the authority to assign lead responsibility for emergency preparedness to a particular county agency will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include the legal basis to assign responsibility for emergency preparedness in St. Mary's County. This legal basis, with citations from the relevant local statute(s), will be referenced in Section 1. Concept of Operations.

RAI Calvert Cliffs – 003 D.1 St Mary's County

Basis: NUREG-0654 Evaluation Criterion A.3 and C.4

The St. Mary's County REP, Section 1.2, Mutual Aid Agreements, states that local mutual aid agreements with the major political subdivisions within the Calvert Cliffs Nuclear Power Plant (CCNPP) Plume and Ingestion Emergency Planning Zones are in existence and will be contained in Annex R to the State Disaster Assistance Plan. Provide these mutual aid agreements.

Response:

The Mutual Aid is provided in the Maryland Emergency Management Assistance Compact (MEMAC). A copy of this agreement will be provided to FEMA by 9/30/2009.

Proposed Plan Change:

No changes to the St. Mary's County REP are proposed.

RAI Calvert Cliffs – 003 D.2 St Mary's County

The St. Mary's County REP, Section 1.5.2.5, Parallel Actions, identifies the American Red Cross, Salvation Army, and St. Mary's Hospital as organizations that can be relied upon in an emergency to provide assistance. Certain other organizations (e.g., radio stations in Attachment #4, Tab A and bus contractors in Attachment #8, Tab A) are only identified in general terms. No Letters of agreement are provided. Provide information specifically identifying all assisting organizations, and provide Letters of Agreement for all assisting organizations.

Response:

Subtitle 8 of Title 14 Annotated code of Maryland defines the authority for the Emergency Management Agencies to obtain resources for assisting organizations. Additionally referenced Letters of Agreement are inherent in the State of Maryland charters and as members of Maryland Emergency Support Function (ESF) 15. This information will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

No changes to the St. Mary's County REP are proposed.

RAI Calvert Cliffs – 007D St Mary's County

Basis: NUREG-0654 Evaluation Criteria D.4 and J.9

The St. Mary's County REP, Section 1.5, Plan Implementation, does not specify a preferred protective action for a fast-breaking severe reactor accident. Per NUREG-0654/FEMA-REP-1, Rev 1, Supplement 3, Criteria for Protective Action Recommendations for Severe Accidents, July 1996, the preferred protective action for severe accidents is to evacuate immediately to about 2 miles in all directions from the plant and about 5 miles downwind from the plant, unless other conditions make evacuation dangerous. Provide information about any predetermined protective actions to be implemented when confronted with a fast-breaking emergency.

Response:

Plans contain a range of protective actions including those for a fast breaker.

Proposed Plan Change:

No changes to the St Mary's County REP are proposed.

RAI Calvert Cliffs – 008 C.1 St. Mary's County

Basis: NUREG-0654 Evaluation Criteria E.5 and J.10.c

FEMA-REP-10, Guide for the Evaluation of Alert and Notification Systems for Nuclear Power Plants, November 1985, specifies that emergency plans provide certain technical details and broadcast periodicity for EAS stations. This includes information regarding transmission signal strength or county coverage and provisions to broadcast on a 24/7 basis. A typical broadcast interval is 15-minutes. The St. Mary's County REP, Section 1.5, Plan Implementation, specifies four radio stations that will assist in providing emergency information to the public. No television stations are identified. Provide a list of all radio and television stations that will provide emergency information to the public in St. Mary's County, as well as technical information and broadcast intervals for each.

Response:

Local Emergency Alert Stations and their frequency are listed at the bottom of each calendar page in the Constellation Energy Nuclear Generation Group, Public Emergency Response Information's calendar. The calendar is jointly developed by the State, respective plume zone county, and Calvert Cliffs Nuclear Power Plant (CCNPP) and updated on an annual basis. The broadcast intervals will vary depending on the severity of the incident.

Each station's transmission signal strength or county coverage will be included in next revision to be completed by 09/30/2009.

Proposed Plan Change:

Change county plan to include each stations transmission signal strength or county coverage. The calendar will be modified to include an asterisk beside the stations that broadcast 24/7.

RAI Calvert Cliffs – 008 C.2 St. Mary's County

FEMA-REP-10, Guide for the Evaluation of Alert and Notification Systems for Nuclear Power Plants, November 1985, specifies that emergency plans identify provisions for the EOC or a media center to monitor EAS broadcasts to identify and correct misinformation. The St. Mary's County REP does not address this requirement. Provide information regarding provisions in St. Mary's County to monitor EAS broadcasts.

Response:

The Public Information Officer's checklist identifies contained in Attachment 5, Public Information SOP, the provisions to monitor EAS broadcast. This checklist was provided to FEMA in previous email correspondence.

Proposed Plan Change:

No changes to the St Mary's County REP are proposed.

RAI Calvert Cliffs – 009 C.1 St. Mary's County

Basis: NUREG-0654 Evaluation Criteria E.6 and J.10.c

The St. Mary's County REP, Section 1.5, Plan Implementation, indicates that the sirens may be activated for testing; however, the details/types of tests and the periodic test frequency are not identified here or elsewhere in the plan. Provide information regarding the types of siren tests that are conducted and the test frequency as required by Appendix 3 to NUREG-0654/FEMA-REP-1, Rev. 1, Appendix 3, Means for Providing Prompt Alerting and Notification of Response Organizations and the Population, October, 1980.

Response:

Information regarding the types of siren tests that are conducted and the test frequency as required by Appendix 3 to NUREG-0654/FEMA-REP-1, Rev. 1, Appendix 3, Means for Providing Prompt Alerting and Notification of Response Organizations and the Population, October, 1980 are included in the county siren activation procedures and will be provided to FEMA by 09/30/2009.

Proposed Plan Change:

No changes to the St. Mary's REP are required.

RAI Calvert Cliffs – 009 C.2 St. Mary's County

The St. Mary's County REP, Attachment #6 and #14 indicate that fire, rescue, and police personnel will assist with notification of the public if necessary. No route alerting provisions (e.g., procedures, specified routes, maps) are included. The Plan does not specify the actions to be taken if a siren fails to sound upon command or indicate if there are any areas requiring special or exception route alerting due to isolation or no siren coverage. Provide information regarding general, backup, and exception route alerting in St. Mary's County as required by FEMA- REP-10, Guide for the Evaluation of Alert and Notification Systems for Nuclear Power Plants, November, 1985.

Response:

There are no special exception areas in St. Mary's county. Procedures for siren failure will be provided to FEMA by 9/30/2009.

Proposed Plan Change:

Specific references to the checklists that include information (including lists, maps, and procedures) regarding general route alerting; actions in the event of a failed siren; and/or for any existing areas that require exception route alerting due to isolation or no siren coverage, will be added to Attachment #6, Fire Board Association, and #14, Maryland State Police.

RAI Calvert Cliffs – 009 C.3 St. Mary's County

The St. Mary's County REP, Section 2.0, Special Concerns, states that the public will be asked to aid neighbors who are handicapped, impaired, or with special needs requiring special attention. It states that a listing of handicapped or special needs citizens residing within the Calvert Cliffs Nuclear Power Plant (CCNPP) plume zone is on file at the County EOC and that the County Public Schools System maintains a listing of all handicapped students. The plan does not provide specific details regarding how special needs individuals are handled in the public alert and notification process. Provide specific information regarding alerting and notifying special needs individuals, including whether tone alert radios or telecommunications devices for the deaf (TDD) are employed as part of the public alert and notification system, as required by FEMA Guidance Memorandum 24, Radiological Emergency Preparedness for Handicapped Persons, dated April 5, 1984.

Response:

This will be corrected in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Specific information regarding alerting and notifying special needs individuals, including the use of tone alert radios or telecommunications devices for the deaf (TDD) employed as part of the public alert and notification system, will be added to the Plan in Sections 1.5, Plan Implementation and 2.0, Special Concerns.

RAI Calvert Cliffs – 009 C.4 St. Mary's County

The St. Mary's County REP, Section 1.5, Plan Implementation, specifies that the only the Emergency Management Director, or his designee, may activate the sirens. The plan does not identify administrative protocols for the coordinated sounding of the sirens in all three counties during an emergency. Provide information regarding provisions to coordinate the sounding of the sirens during an emergency.

Response:

This will be corrected in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Procedures for the St. Mary's County Emergency Management Director to coordinate sounding of the sirens with appropriate officials in any or all three of the counties during an emergency will be added to Section 1.5, Plan Implementation.

RAI Calvert Cliffs – 010 B. St. Mary's County

Basis: NUREG-0654 Evaluation Criteria E.7 and J.10.c

No phone numbers are included in the sample news documents included in the St. Mary's County REP, Attachment #4, Public Information SOP. Provide sample news documents that include phone numbers for St. Mary's County as required by the memorandum from Kay Goss to FEMA Regional Administrators, Guidance for Providing Emergency Information and Instructions to the Public for Radiological Emergencies Using the New Emergency Alert System (EAS), February 2, 1999.

Response:

This will be corrected in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The sample news documents in Attachment #4, Public Information SOP will be revised to include St. Mary's County phone numbers for the public to use to get further information in an emergency.

RAI Calvert Cliffs – 011 B St. Mary's County

Basis: NUREG-0654 Evaluation Criterion F.1.b

The St. Mary's County REP, Attachment 8, Tab F, St. Mary's County Reception/Mass Care Centers states that evacuees from St. Mary's County may be directed to reception/mass care centers out of the county. The names of the counties were not listed. There was no information contained in Table 1-1 of the plan to show the protocol for communication with counties (other than Calvert and Dorchester Counties) that may be activated to provide support to Calvert County. Provide information describing the protocol for communicating with host counties outside the Calvert Cliffs Nuclear Power Plant (CCNPP) Emergency Planning Zone.

Response:

This will be corrected in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Attachment 8, Tab F, St. Mary's County Reception/Mass Care Centers, will be revised to list reception centers for St. Mary's County Evacuees. Table 1-1, Emergency Facility Communications, of will be revised to delineate the methods available for communication with reception centers and with authorities/facilities in contiguous counties outside the CCNP plume EPZ (e.g. Anne Arundel County) that may be activated to provide support to St. Mary's County.

RAI Calvert Cliffs – 013 D St. Mary's County

Basis: NUREG-0654 Evaluation Criterion F.1.d

The St. Mary's County REP, Attachment #2, Section 4.2.2, St. Mary's County Emergency Operations Center SOP, Communication, states that communications with the County radiological field monitoring teams are by Fire, Rescue, React, Police Radios, cell phones or CB; RACES, if required. The Plan did not state which communications methods were primary and which were backup. Provide a description of the primary and backup methods of communications with field monitoring teams.

Response:

A description of the primary and back-up methods of communications with field monitoring teams will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Attachment 2, Section 4.2.2, St. Mary's County Emergency Management SOP, will be revised to include a description of the primary and backup methods of communications with field monitoring teams.

RAI Calvert Cliffs – 014 C St. Mary's County

Basis: NUREG-0654 Evaluation Criterion F.2

The St. Mary's County REP, Section 3.4, Emergency Communications, states that the Maryland Institute for Emergency Medical Services Systems (MIEMSS) Communication System provides

communications link between all hospitals within the State, and with Field ambulances. The St. Mary's County REP states in Attachment #12, Notification and Communication, that these communications are by "routine channels" but does not provide information to describe how these channels provide communications between hospitals and ambulances. Provide information about methods of communication between hospitals and ambulances in St. Mary's County.

Response:

The methods of communication between hospitals and ambulances will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 1.4, Emergency Communications, will be revised to include methods of communication between hospitals and ambulances.

RAI Calvert Cliffs – 015 D St. Mary's County

Basis: NUREG-0654 Evaluation Criterion F.3

The St. Mary's County REP, Section 3.2.1, Communications Drills, provides for periodic testing of the communications system, but does not provide details on how this testing will be performed. Provide detailed information about the periodic testing of emergency communications systems in St. Mary's County.

Response:

Information describing the periodic testing of the St. Mary's County emergency communications system will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Details regarding the responsibility for testing the Calvert County emergency communications system, as well as the type of testing, frequency of testing, methods for testing, and tracking of test results and repairs/calibration will be delineated in Section 3.2.1, Communications Drills, and in the SOP Summary of the responsible agency/official.

RAI Calvert Cliffs – 016 D St. Mary's County

Basis: NUREG-0654 Evaluation Criterion G.1

The St. Mary's County REP, Section 2.0, Special Concerns, does not contain samples of the public education material produced for residents of the Calvert Cliffs Nuclear Power Plant (CCNPP) Emergency Planning Zone (EPZ). Provide samples of the brochure and telephone directory information cited in the plan, as well as any other material directed at EPZ residents, including foreign language translations of the materials (if required).

Response:

Information describing the public education materials produced for EPZ residents will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Details regarding the public education materials produced for EPZ residents will be delineated in Section 2.0, Special Concerns, and 3.4.2, Public Information Training and in the SOP Summary of the responsible agency/official. Samples of public information materials, including brochures, pamphlets, and telephone directory information will be included in the plan.

RAI Calvert Cliffs – 017 D St. Mary's County

Basis: NUREG-0654 Evaluation Criterion G.2

The St. Mary's County REP, Section 2.0, Special Concerns, does not clearly address public information materials directed to transient EPZ populations. Provide a list and samples of these materials, including signs, decals, and other means placed in special concerns facilities and other facilities serving transients, as well as foreign language translations of the materials (if required). Also describe provisions for annual inventory and maintenance of these materials and the locations where they are posted.

Response:

Information describing the public education materials produced for transient EPZ populations will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Details regarding the public education materials produced for transient EPZ populations will be delineated in Sections 2.0, Special Concerns, and 3.4.2, Public Information Training and in the SOP Summary of the responsible agency/official. A list of and samples of public information materials for transients, including brochures, pamphlets, signs, decals and telephone directory information will be included in the plan. Posting locations as well as requirements for inventory and maintenance for these materials will also be included.

RAI Calvert Cliffs – 018 D St. Mary's County

Basis: NUREG-0654 Evaluation Criterion G.4.b

The St. Mary's County REP, Section 1.5.2.6, Plan Implementation, Public Information, Attachment #2, Emergency Management SOP, and Attachment #4, Public Information SOP, contain mention coordination between spokespersons regarding public information, but do not contain or reference specific procedures that demonstrate how timely exchange will be implemented. Provide communications procedures addressing the timely exchange of information between spokespersons.

Response:

Information describing the exchange and coordination of public information will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Details regarding the timely exchange of public information between the various spokespersons and coordination of its release to the public will be delineated in Sections 1.3.2, Media Center, and 1.5.2, Phase 2-Operational of the plan and in the SOP Summaries (4.1 and 4.2) of the responsible agencies/officials.

RAI Calvert Cliffs – 019 D St. Mary's County

Basis: NUREG-0654 Evaluation Criterion G.4.c

The St. Mary's County REP, Section 10.0, Standard Operating Procedure Introduction/Index, Rumor Control, states that a rumor control hotline will be established but does not include any more detailed information. Provide procedures or other information describing coordinated arrangements for rumor control.

Response:

Information describing coordinated arrangements for rumor control will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Details regarding coordinated arrangements for rumor control between the various spokespersons and the Joint Information Center will be delineated in Sections 1.3.2, Media Center, and 1.5.2, Phase 2-Operational of the plan and in the SOP Summaries (4.1 and 4.2) of the responsible agencies/officials.

RAI Calvert Cliffs – 020 D. St. Mary's County

Basis: NUREG-0654 Evaluation Criterion G.5

The St. Mary's County REP does not contain any information about a news media education program. Provide a general description of the annual program to acquaint the news media with the emergency plans, information concerning radiation, and points of contact for release of public information, including a description of written materials that are distributed.

Response:

Information describing the annual education program for the news media will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Details regarding the annual program to acquaint the news media with emergency plans, information concerning radiation, and points of contact for release of public information, including a description of written materials, will be delineated in Section 3.4.2, Public Information Training, of the plan and in the SOP Summary of the responsible agency/official.

RAI Calvert Cliffs – 021 D.1 St. Mary's County

Basis: NUREG-0654 Evaluation Criterion H.3

The St. Mary's County REP, Section 1.3.1, Emergency Operations Centers, did not include any discussion of methods that would be used to control personnel access to the Emergency Operations Center (EOC). Include this information in the plan.

Response:

Information describing access control to the EOC will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Details regarding the procedures and methods that would be used to control personnel access to the Emergency Operations Center (EOC) will be delineated in Section 1.3.1, Emergency Operations Centers, of the plan and in the SOP Summary of the responsible agency/official.

RAI Calvert Cliffs – 021 D.2 St. Mary's County

The St. Mary's County REP, Section 1.3.1, Emergency Operations Centers, contains a partial listing of facility equipment, but this list does not contain enough detail to demonstrate that equipment is sufficient to support operations. Provide a listing of facility equipment with enough detail to demonstrate that equipment is sufficient to support operations.

Response:

A list of EOC equipment will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

A comprehensive list of equipment necessary for EOC operation will be referenced in Section 1.3.1, Emergency Operations Centers and added to the plan as a table.

RAI Calvert Cliffs – 024 D.1 St. Mary's County

Basis: NUREG-0654 Evaluation Criterion H.10

The St. Mary's County REP, Section 3.7, Equipment Maintenance, states that the Calvert County Emergency Management (EM) Director is responsible for equipment inventory, inspection, operational checks, and maintaining records, but does not contain or reference specific procedures. Provide procedures or other information addressing these tasks.

Response:

Information describing emergency equipment used by county agencies and maintenance and calibration of it will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Comprehensive lists of emergency equipment used by county agencies and procedures for maintenance and calibration of this equipment will be referenced in Section 3.7, Equipment Maintenance, and in the appropriate agency SOP Summary.

RAI Calvert Cliffs – 024 D.2 St. Mary's County

The St. Mary's County REP, Attachment #3, Tab C, Radiological Equipment, does not describe reserve equipment that could be to be placed in use when primary equipment is unavailable due to calibration or repair as required by NUREG 0654 Criterion H.10. Include this information in the plan.

Response:

Information describing emergency equipment used by County agencies and maintenance and calibration of it will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Comprehensive lists of emergency equipment used by County agencies will be referenced in Section 3.7, and the SOP Summary of the appropriate agency. The lists, including Tab C, Radiological Equipment, will include numbers required and total numbers to indicate adequate reserves.

RAI Calvert Cliffs – 025 D St. Mary's County

Basis: NUREG-0654 Evaluation Criterion H.11

The St. Mary's County REP, Attachment #3, Accident Assessment (Field Monitoring) SOP, contains descriptions of the contents of radiological monitoring equipment kits but does not include listings of protective equipment, communications equipment, and emergency supplies as required by NUREG 0654 Criterion H.11. Provide the required equipment information.

Response:

Information describing emergency equipment and kits used by county agencies and maintenance and calibration of it will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

A comprehensive list of emergency kits by general category (protective equipment, communications

equipment, radiological monitoring equipment and emergency supplies) used by county agencies will be referenced in Section 3.7, Equipment Maintenance, and added as an appendix to the plan.

RAI Calvert Cliffs – 028 C.1 St Mary's County

Basis: NUREG-0654 Evaluation Criterion I.8

The St. Mary's County REP, Attachment 3, Accident Assessment (Field Monitoring) Standard Operating Procedure, states that County field monitoring teams will be directed by the County Radiological Officer. The St. Mary's County REP does not explain the decision-making process for determining where to send the teams and if coordination with any other agency (i.e., MDE) is conducted. Provide information about the decision-making process for determining where to send the teams and any coordination with any other agency.

Response:

Field monitoring teams are sent to pre-designated fixed monitoring points, but more information describing deployment of field monitoring teams will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Detailed information describing the decision-making process for deployment of field monitoring teams and coordination with other agencies will be delineated in Section 1.5, Plan Implementation, of the plan and SOP Summaries 4.2, Emergency Management, and 4.5, Health Department.

RAI Calvert Cliffs – 028 C.2 St Mary's County

The St. Mary's County REP, Attachment 3, Accident Assessment (Field Monitoring) Standard Operating Procedure, states that equipment checks will be performed at the staging area. Provide information or procedures describing how equipment checks should be conducted, verification of calibration stickers, and direction for establishing a background measurement prior to deployment.

Response:

Information describing operational checks of field monitoring equipment will be included in the next revision of Attachment 3, Accident Assessment (Field Monitoring), SOP to be completed by 09/30/2009.

Proposed Plan Change:

Detailed information describing how equipment checks should be conducted, verification of calibration stickers, and direction for establishing a background measurement prior to deployment will be added to Attachment 3, Accident Assessment (Field Monitoring) SOP.

RAI Calvert Cliffs – 028 C.3 St Mary's County

The St. Mary's County REP, Attachment 3, Accident Assessment (Field Monitoring) Standard Operating Procedure, does not include a description of transportation resources for the field teams. Provide information on the types and source of transportation available to the field teams.

Response:

The Maryland State Police and Department of Natural Resources Police provide transportation support for field monitoring teams. However, information describing all of the transportation resources available to field monitoring teams will be included in the next revision of Attachment 3, Accident Assessment (Field Monitoring), SOP to be completed by 09/30/2009.

Proposed Plan Change:

Detailed information describing all of the various types and sources of transportation available to the field monitoring teams will be added to Attachment 3, Accident Assessment (Field Monitoring) SOP.

RAI Calvert Cliffs – 034 D St. Mary's County

Basis: NUREG-0654 Evaluation Criterion J.10.a

The St. Mary's County REP for CCNPP does not contain all of the map information specified in established FEMA guidance. Provide maps of relocation centers and shelter areas. Also provide the frequency for updating maps and the organization(s) responsible for map maintenance.

Response:

Maps of relocation centers and shelter areas, and the frequency for updating the maps will be provided to FEMA Region III on 9/30/2009.

Proposed Plan Change:

Detailed information referencing the required maps; the frequency for updating maps; and the organization(s) responsible for map maintenance will be delineated in Sections 1.5, Plan Implementation, and 3.6, Plan Maintenance, of the plan and SOP Summaries 4.2, Division of Emergency Management, and 4.5 Health Department.

RAI Calvert Cliffs – 035 D St Mary's County

Basis: NUREG-0654 Evaluation Criterion J.10.b

The St. Mary's County REP does not contain maps showing the population distribution around the nuclear facility. Provide maps of the population distribution around the Calvert Cliffs Nuclear Power Plant (CCNPP) by protective action zone, and identify directly, or reference where to find, school populations (including day-care centers) and other special populations, including the maximum anticipated population at recreation areas.

Response:

Maps of the population distribution around CCNPP by protective action zone will be provided to FEMA Region III on 9/30/2009.

Information referencing required maps and school and special population locations/numbers will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Detailed information referencing the required population distribution maps and school and special population locations/numbers will be delineated in Sections 1.5, Plan Maintenance, 2.0, Special Concerns 3.6, Plan Maintenance, of the plan and SOP Summary 4.2, Emergency Management (EM) Director.

RAI Calvert Cliffs – 036 C St Mary's County

Basis: NUREG-0654 Evaluation Criterion J.10.d

The St. Mary's County REP, Section 2.0, Special Concerns, includes a list of special facilities, but does not include sufficient detail pertaining to those persons whose mobility may be impaired due to such factors as institutional or other confinement. The following information is needed:

RAI Calvert Cliffs – 036 C.1 St Mary's County

Provide the Plans for the Schools (Public and Private), that are in the Emergency Planning Zone (EPZ).

Response:

Public and private schools plans will be submitted to FEMA Region III on 9/30/2009

Proposed Plan Change:

No changes to the St Mary's County REP are proposed.

RAI Calvert Cliffs – 036 C.2 St Mary's County

Provide information on how the hearing impaired residents (if they are any present) would be notified of an emergency.

Response:

Hearing impaired residents are notified of an emergency situation through the CodeRed emergency notification system. All individuals with TDD devices in their homes may sign up to receive notification. Information on how the hearing impaired residents would be notified of an emergency will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include how hearing impaired residents will be notified of an emergency.

RAI Calvert Cliffs – 036 C.3 St Mary's County

Provide information on how the health care facilities such as nursing homes would be informed of an emergency.

Response:

Information on how the health care facilities would be informed of an emergency will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include how the health care facilities would be informed of an emergency.

RAI Calvert Cliffs – 036 C.4 St Mary's County

Provide the list of Day Care Centers in the EPZ.

Response:

A list of day care centers will be provided to FEMA Region III by 9/30/2009.

Proposed Plan Change:

No changes to the St Mary's REP are proposed.

RAI Calvert Cliffs – 036 C.5 St Mary's County

Provide (other than for schools) the types (buses, ambulances, wheel chair vans etc) and number of these vehicles that would be required to move the mobility impaired individuals.

Response:

The types and number of these vehicles that would be required to move the mobility impaired individuals will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include the types and number of these vehicles that would be required to move the mobility impaired individuals.

RAI Calvert Cliffs – 036 C.6 St Mary's County

Provide a time frame (time for transportation mobilization, deployment, loading and evacuation) for implementing the evacuation of the mobility impaired (should be extracted from the Evacuation Time Estimate Study and provided in the Plan).

Response:

The time frame for implementing the evacuation of the mobility impaired will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Revise the plan to include the time frame for implementing the evacuation of the mobility impaired.

RAI Calvert Cliffs – 037 D St Mary's County

Basis: NUREG-0654 Evaluation Criterion J.10.e

The St. Mary's County REP, Attachment #7, Health Department SOP, does not provide information on the supply of KI, storage location, maintenance, instructions for use, or means of distribution (pre-distribution program and distribution at reception centers) for the general public. Use of KI for institutionalized persons is not addressed in the St. Mary's County REP. Provide information on policies and procedures on the use and administration, distribution, and storage requirements for KI for emergency workers, institutionalized persons, and the general public in St. Mary's.

Response:

Information on policies and procedures on the use and administration, distribution, and storage requirements for KI for emergency workers, institutionalized persons, and the general public will be included in the next revision of Attachment #8 7, Health Department ,SOP to be completed by 09/30/2009.

Proposed Plan Change:

Revise Attachment #7, Health Department ,SOP to include policies and procedures on the use and administration, distribution, and storage requirements for KI for emergency workers, institutionalized persons, and the general public.

RAI Calvert Cliffs – 038 D St Mary's County

Basis: NUREG-0654 Evaluation Criterion J.10.e

The St. Mary's County REP, Attachment #3, Health Department SOP, provides a PAG for administration of KI for emergency workers but does not describe the method by which decisions by the State Health Department for administering radioprotective drugs to the general population are made during an emergency. Provide SOPs or other information describing the basis for administration of KI to emergency workers and the general public.

Response:

The Radiological Health Officer checklist will be provided to FEMA Region III by 9/30/2009.

Proposed Plan Change:

No changes to the St Mary's County REP are proposed.

RAI Calvert Cliffs – 039 C St Mary's County

Basis: NUREG-0654 Evaluation Criterion J.10.g

The St. Mary's County REP, Attachment #6, Sheriff's Department SOP, states that the Sheriff's Department will be responsible for coordinating evacuation, but the plan lacks the details below regarding the means of evacuation required by Guidance Memorandum 21, Rev.1, Acceptance Criteria for Evacuation Plans, February 29, 1984.

RAI Calvert Cliffs – 039 C.1 St Mary's County

For St Mary's County provide the list of contractors who supply transportation resources and the Letters of Agreement with private transportation providers.

Response:

Subtitle 8 of Title 14 Annotated code of Maryland defines the authority for the Emergency Management Agencies to obtain resources for assisting organizations. Additionally referenced Letters of Agreement are inherent in the State of Maryland charters and as members of Maryland Emergency Support Function (ESF) 15. A list of contractors who supply transportation resources and the Letters of Agreement with private transportation providers will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include contractors who supply transportation resources and the Letters of Agreement with private transportation providers.

RAI Calvert Cliffs – 039 C.2 St Mary's County

For St Mary's County buses will be assigned to travel pre designated routes to pick up members of the public who need transportation. Provide a map of these routes and the pre designated pick up points.

Response:

Maps of the pre designated routes to pick up members of the public who need transportation and the pre designated pick-up points will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be modified to include maps of the pre designated routes to pick up members of the public who need transportation and the pre designated pick-up points.

RAI Calvert Cliffs – 039 C.3 St Mary's County

For St Mary's County provide the method used to estimate the number of evacuees who will need transportation assistance is not provided.

Response:

the method used to estimate the number of evacuees who will need transportation assistance will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include the method used to estimate the number of evacuees who will need transportation assistance.

RAI Calvert Cliffs – 039 C.4 St Mary's County

For St. Mary's County the list of traffic and access control points is not provided in the plan but is in a hand out packet (not provided). Include this information in the Plan.

Response:

The hand out packet will be provided to FEMA Region III by 9/30/2009.

Proposed Plan Change:

A list of TCPs and ACPs will be added to the plan.

RAI Calvert Cliffs – 039 C.5 St Mary's County

For St Mary's County provide a map with the evacuation routes and the locations of the Access Control Points (ACP) and the Traffic Control Points (TCP).

Response:

A map(s) with the evacuation routes and the locations of the ACP and the TCP will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Include in Attachment 6, Sheriffs Department, a map(s) with evacuation routes and the locations of the ACPs and the TCPs.

RAI Calvert Cliffs – 039 C.6 St Mary's County

For St Mary's County provide information (layout, equipment, personnel etc) pertinent to the set up and implementation of the ACP and TCP. Provide a drawing for each ACP and TCP showing the layout, set up of equipment and the number of personnel.

Response:

A drawing for each ACP and TCP showing the layout, set up of equipment and the number of personnel will be included the next revision of Attachment 6, Sheriffs Department, to be completed by 09/30/2009.

Proposed Plan Change:

Include in Attachment 6, Sheriffs Department, a drawing of each ACP and TCP showing the layout, set up of equipment and the number of personnel.

RAI Calvert Cliffs – 040 C St Mary's County

Basis: NUREG-0654 Evaluation Criterion J.10.h

The St. Mary's County REP, Attachment #8, Board of Education SOP, Tab F states that a list of Reception Centers and Mass Care Centers is maintained in the EOC. The list was not provided for review. The plan lacks the details below regarding reception centers required by Guidance Memorandum 21, Rev.1, Acceptance Criteria for Evacuation Plans, February 29, 1984

RAI Calvert Cliffs – 040 C.1 St Mary's County

For St Mary's County provide the list of the Reception Centers and Mass Care Centers that will be maintained in the EOC.

Response:

A list of Reception Centers and Mass Care Centers will be included the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

List of Reception Centers and Mass Care Centers will be included in the plan.

RAI Calvert Cliffs – 040 C.2 St Mary's County

For St Mary's County provide the capacities of the Mass Care Centers.

Response:

The capacities of the Mass Care Centers will be included the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Revise the plan to include the capacities of Mass Care Centers.

RAI Calvert Cliffs – 040 C.3 St Mary's County

For St Mary's County provide the list of Reception Centers and Mass Care Centers accessible to handicapped persons.

Response:

A list of Reception Centers and Mass Care Centers accessible to handicapped persons be included the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

A list of Reception Centers and Mass Care Centers accessible to handicapped persons will be included in the plan.

RAI Calvert Cliffs – 040 C.4 St Mary's County

For St Mary's County describe how or provide a drawing showing the areas will be set aside in the Reception Centers and Mass Care Centers for the sensory and movement impaired, the elderly and mentally disabled.

Response:

Regulations included in the Americans with Disabilities Act prohibit these discriminations.

Proposed Plan Change:

No change to the plan is required.

RAI Calvert Cliffs – 040 C.5 St Mary's County

For St Mary's County provide the list of health care facilities (nursing homes) in the EPZ and the host facilities that will receive evacuees from these homes.

Response:

The list of health care facilities (nursing homes) in the EPZ and the host facilities that will receive evacuees from these homes will be provided to FEMA Region III on 9/30/2009.

Proposed Plan Change:

No changes to the plan are proposed.

RAI Calvert Cliffs – 041 D.1 St Mary's County

Basis: NUREG-0654 Evaluation Criterion J.10.i and J.10.l

The St. Mary's County REP, Attachment #4, Public Information SOP, contains a map of evacuation routes, but does not include selected data from the ETE Study such as evacuation time estimates for the general population and the special population groups. Provide information about how such data from the ETE Study has been included in the Calvert County REP, and the appropriate procedures, such as the Board of Education and Social Services.

Response:

Evacuation time estimates for the general population and the special population groups will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include evacuation time estimates for the general population and the special population groups.

RAI Calvert Cliffs – 041 D.2 St Mary's County

The St. Mary's County REP does not include the current and the proposed ETE Study's recommendations for the location of traffic control and access control points to address identified impediments to traffic flow. Provide information about how such recommendations have been included in the plan and the appropriate procedures, such as the Sheriff's Department and State Police.

Response:

ETE Study's recommendations for the location of traffic control and access control points to address identified impediments to traffic flow will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include the ETE Study's recommendations for the location of traffic control and access control points to address identified impediments to traffic flow.

RAI Calvert Cliffs – 042 D St. Mary's County

Basis: NUREG-0654 Evaluation Criterion J.10.j

The St. Mary's County REP provides for access control of roads and waterways in Attachment #14, Maryland State Police SOP, and Attachment #15, Department of Natural Resources SOP, but lacks the following items and procedures:

RAI Calvert Cliffs – 042 D.1 St. Mary's County

For St Mary's County provide the procedure for access control of the air and rail traffic.

Response:

The procedure for access control of the air and rail traffic will be provided to FEMA Region III on 9/30/2009.

Proposed Plan Change:

No changes to the plan are proposed.

RAI Calvert Cliffs – 042 D.2 St. Mary's County

For St Mary's County provide a map with the evacuation routes and the locations of the Access Control Points (ACP) and the Traffic Control Points (TCP).

Response:

A map with the evacuation routes and the locations of the Access Control Points (ACP) and the Traffic Control Points (TCP) be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Attachment 14. Maryland State Police, will be revised to include a map of the evacuation routes and the locations of the Access Control Points (ACP) and the Traffic Control Points (TCP).

RAI Calvert Cliffs – 042 D.3 St. Mary's County

For St Mary's County provide information (layout, equipment, personnel etc) pertinent to the set up and implementation of the ACP and TCP. Provide a drawing for each ACP and TCP showing the layout, set up of equipment and the number of personnel.

Response:

A drawing for each ACP and TCP showing the layout, set up of equipment and the number of personnel will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Attachment 14, Maryland State Police, will be revised to include a drawing for each ACP and TCP showing the layout, set up of equipment and the number of personnel.

RAI Calvert Cliffs – 045 D.1 St Mary's County

Basis: NUREG-0654 Evaluation Criterion J.12

The St. Mary's County REOP, Attachment #7, Health Department SOP, provides local county plans and procedures provide general descriptions of instrument types and methods for the radiological monitoring and registration of evacuees. However, insufficient information was provided in county plans and procedures for review to determine the adequacy of personnel and monitoring equipment available to monitor residents and transients arriving at relocation (reception) centers within about a 12 hour period. The information not provided includes the quantities of hand-held instruments by type, the quantities of portal monitors if used, and type (stating they meet required sensitivity according to current FEMA guidance), the numbers of trained personnel available to perform evacuee monitoring, and a description of how available resources meet the requirement for monitoring 20% of the EPZ population assigned to each reception center can be met in a 12 hour period. Provide this documentation.

Response:

The quantities of hand-held instruments by type, the quantities of portal monitors if used, and type (stating they meet required sensitivity according to current FEMA guidance), the numbers of trained personnel available to perform evacuee monitoring, and a description of how available resources meet the requirement for monitoring 20% of the EPZ population assigned to each reception center can be met in a 12 hour period will be provided in Attachment #7, Radiation Exposure Control procedures in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Revise Attachment #7, Radiation Exposure Control procedures to include the quantities of hand-held instruments by type, the quantities of portal monitors if used, and type (stating they meet required sensitivity according to current FEMA guidance), the numbers of trained personnel available to perform evacuee monitoring, and a description of how available resources meet the requirement for monitoring 20% of the EPZ population assigned to each reception center can be met in a 12 hour period.

RAI Calvert Cliffs – 045 D.2 St. Mary's County

In the St Mary's County REP, Attachment 8, Tab G, Board of Education SOG, refers to a list of evacuee radiological monitoring and decontamination centers that was not provided. Attachment 8, TAB F, Board of Education Standard Operating Procedure, refers to other reception/mass care centers outside of St. Mary's County where evacuees could be directed to report. This listing also is not provided. No information is provided for Charles County evacuee monitoring and decontamination centers, although Charles County is also referred to as an evacuation support county for St. Mary's County in the Maryland EOP, Annex Q, REP. Provide this information.

Response:

A list of evacuee monitoring and decontamination centers in Charles County will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Revise Attachment 8, TAB G, Board of Education, SOP to include the evacuee monitoring capabilities in Charles County.

RAI Calvert Cliffs – 046 D St. Mary's County

Basis: NUREG-0654 Evaluation Criterion K.3.a

The St. Mary's County REP, SOP Introduction, Section 5 says that emergency workers obtain dosimetry at the St. Mary's EOC, but does not provide information on the quantities of dosimeters and dosimeter chargers available per location, or the number of persons (emergency workers) needing dosimetry. Provide information on the quantities of dosimeters and dosimeter chargers available and the number of persons (emergency workers) needing dosimetry.

Response:

Attachment 3, Accident Assessment (Field Monitoring) Standard Operating Procedure, Tab C lists the total dosimetry available. However, information referencing exposure control procedures and numbers of dosimeters needed will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Information referencing quantities of dosimeters and dosimeter chargers available per location and the number of persons (emergency workers) needing dosimetry will be delineated in Sections 1.5, Plan Implementation and 3.7, Equipment Maintenance, of the plan and SOP Summary 4.2, Division of Emergency Management, and listed in Attachment 3, Accident Assessment (Field Monitoring) Standard Operating Procedure, Tab C.

RAI Calvert Cliffs – 048 D St Mary's County

Basis: NUREG-0654 Evaluation Criterion K.5.a

The St. Mary's County REP, Attachment 3, Accident Assessment (Field Monitoring), Tab C, Radiological Equipment indicates that radiological equipment includes two portal monitors but does not provide the information (i.e. make and model) to verify that the equipment can meet the requirements in FEMA-REP-21, Contamination Monitoring Standard For A Portal Monitor Used For Radiological Emergency Response. Provide information about the type and capabilities of the portal monitors to be used for monitoring emergency worker, including the sensitivity.

Response:

The make, model, and technical specifications of the portal monitor(s) will be provided to FEMA Region III by 9/30/2009.

Proposed Plan Change:

No plan changes to the St. Mary's County Plan are anticipated.

RAI Calvert Cliffs – 049 D St Mary's County

Basis: NUREG-0654 Evaluation Criterion K.5.b

The St. Mary's County REP, Attachment #4, Radiation Exposure Control Procedures, includes detailed procedures but does not include an inventory of supplies (soap, mild detergent, and other removal agents) to be provided for each decontamination center, or the listing of the locations of the decontamination center. No information is provided indicating the number of people trained and available to perform decontamination in the event of an emergency. Provide SOPs or other documentation of this information.

Response:

Information detailing the inventory of supplies and numbers of trained decontamination workers will be included in the next revision of Attachment #4, Radiation Exposure Control , to be completed by 09/30/2009.

Proposed Plan Change:

Detailed information listing an inventory of supplies (soap, mild detergent, and other removal agents) to be provided for each decontamination center and the number of people trained and available to perform decontamination will be added to Attachment 4-3, Radiological Personnel Decontamination Procedures.

RAI Calvert Cliffs – 050 D.1 St Mary's County

Basis: NUREG-0654 Evaluation Criterion L.1

The St. Mary's County REP, Attachment #16, St. Mary's Hospital SOP, names 3 hospitals capable of treating radioactively contaminated patients, but does not include information describing individual medical facility capabilities, including the number of radiologically trained medical personnel and support staff, hospital and support service operations for treating contaminated or exposed individuals, and did not address dosimetry procedures, including recordkeeping and final receipt for processing were not provided for these facilities. Provide information describing individual medical facility capabilities in Calvert County.

Response:

Information describing the radiological capabilities and resources of the medical facilities will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Attachment #16 St. Mary's Hospital SOP will be modified to include individual medical facility capabilities, including the number of radiologically trained medical personnel and support staff, hospital and support service operations for treating contaminated or exposed individuals, as well as dosimetry procedures, including record keeping and final receipt for processing.

RAI Calvert Cliffs – 050 D.2 St Mary's County

The St. Mary's County REP does not contain required information regarding outside radiological support and available technical staff not employed by the respective hospitals/medical facilities. Provide information regarding radiological support and available technical staff outside St. Mary's County.

Response:

Information regarding radiological support and available technical staff outside St Mary's County will be incorporated in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Revise the REP to identify outside radiological support and available technical staff that is not employed by the respective hospitals/medical facilities.

RAI Calvert Cliffs – 052 D St Mary's County

Basis: NUREG-0654 Evaluation Criterion L.4

The St Mary's County REP does not contain documentation applicable to additional EMS resources for

transporting contaminated injured persons. Provide information on additional EMS resources and the applicable mutual aid agreements.

Response:

Documentation applicable to additional EMS resources will be included in the next revision of the plan to be completed by 09/30/2009. Mutual aid agreements will be provided to FEMA Region III by 9/30/2009.

Proposed Plan Change:

The REP will be revised to include additional EMS resources needed to assist with the transport of contaminated injured persons.

RAI Calvert Cliffs – 056 C.1 St Mary's County

Basis: NUREG-0654 Evaluation Criterion N.1.a

The St. Mary's County REP, Section 3.3, Exercises, states that exercises will be developed and conducted, but does not specifically state that these exercises will simulate emergencies that will result in offsite radiological releases requiring a response by offsite authorities. Provide this language in the plan.

Response:

Section 3.3, Exercises, states at least once every two years St. Mary's Emergency Management in conjunction with the MEMA and CCNPP will prepare and conduct an emergency response exercise of the REP. Section 6.3, Exercises, in Annex Q states that at least once every two years MEMA will coordinate the preparation and conduct an emergency response exercise of the REP. The exercise shall simulate an emergency which results in off-site radiological releases which would require the response of off-site authorities.

Proposed Plan Change:

No changes to St. Mary's County REP are proposed.

RAI Calvert Cliffs – 056 C.2 St Mary's County

The St. Mary's County REP also does not state that these exercises will be conducted as set forth in NRC and FEMA rules. Provide this language in the plan.

Response:

Language indicating that that these exercises will be conducted as set forth in NRC and FEMA rules will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.3, Exercises, will be revised to state that exercise will be conducted in accordance with applicable State and federal requirements.

RAI Calvert Cliffs – 057 D.1 St Mary's County

Basis: NUREG-0654 Evaluation Criterion N.1.b

The St. Mary's County REP, Section 3.3, Exercises, does not indicate that scenarios should be varied from exercise to exercise, such that the major elements of the plans and preparedness organizations

are tested within a six-year period. Provide this language in the plan.

Response:

A sentence indicating that scenarios should be varied from exercise to exercise, such that the major elements of the plans and preparedness organizations are tested within a six-year period will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The Plan will be revised to state that exercise will be conducted in accordance with applicable State and federal requirements.

RAI Calvert Cliffs – 057 D.2 St Mary's County

The St. Mary's County REP does not include provisions to start an exercise between 6:00 p.m. and 4:00 a.m. within a six-year period. Include this provision in the plan.

Response:

After hours exercises are no longer required.

Proposed Plan Change:

The Plan will be revised to state that exercise will be conducted in accordance with applicable State and federal requirements.

RAI Calvert Cliffs – 057 D.3 St Mary's County

The St. Mary's County REP does not include provisions for exercising in different seasons of the year and under various weather conditions. Include this provision in the plan.

Response:

Provisions for exercising in different seasons of the year and under various weather conditions will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.3, Exercises, will be revised to include provisions for exercising in different seasons of the year and under various weather conditions.

RAI Calvert Cliffs – 057 D.4 St Mary's County

The St. Mary's County REP does not indicate that at least one exercise over a period of six years should be unannounced. Include this provision in the plan.

Response:

Unannounced exercises are no longer required.

Proposed Plan Change:

The Plan will be revised to state that exercise will be conducted in accordance with applicable State and federal requirements.

RAI Calvert Cliffs – 058 D.1 St Mary's County

Basis: NUREG-0654 Evaluation Criterion N.2.a

The St. Mary's County REP, Section 3.2.1, Communication Drills, does not reference the annual test of communications between the Calvert Cliffs Nuclear Power Plant, the State of Maryland; the Calvert County, Dorchester County, and St. Mary's County Emergency Operation Centers, and field assessment teams. Provide a information indicating that St. Mary's County participates in this annual test of communications in the plan

Response:

The annual test of communications between the CCNP, the State and the County EOCs, and field assessment teams will be included in the next revision of 3.2.1, Communication Drills, to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.2.1, Communication Drills, will be revised to include the annual test of communications between the CCNP, the State and the County EOCs, and field assessment teams.

RAI Calvert Cliffs – 058 D.2 St Mary's County

The St. Mary's County REP also does not adequately address the requirement that the content of messages shall be understood during those communications drills. Include this provision in the plan.

Response:

A statement addressing the requirement that all communications drills shall include understanding the content of messages will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change

Section 3.2.1, Communication Drills, will be revised to include the requirement that all communications drills shall include understanding the content of messages.

RAI Calvert Cliffs – 059 C.1 St Mary's County

Basis: NUREG-0654 Evaluation Criterion N.2.c

The St. Mary's County REP, Section 3.2.2, Medical Emergency Drills, indicates that the County Department of Public Safety will participate with St. Mary's Hospital during medical emergency drills, but does not indicate that the drill will involve a simulated contaminated individual. Include this provision in the plan.

Response:

A simulated contaminated and injured individual will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.2.2, Medical Emergency Drills, will be revised to include a simulated contaminated and injured individual.

RAI Calvert Cliffs – 059 C.2 St Mary's County

The St. Mary's County REP, Section 3.2.2, Medical Emergency Drills, does not indicate if additional agencies such as ambulance services will be involved in annual medical drills, and if so, which agencies. Provide this information.

Response:

The ambulance services that may be involved in annual medical drills will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.2.2, Medical Emergency Drills, will be revised to include the ambulance services that may be involved in annual medical drills.

RAI Calvert Cliffs – 060 D.1 St. Mary's County

Basis: NUREG-0654 Evaluation Criterion N.2.d

The St. Mary's County REP, Section 3.3.2, Radiological Monitoring Drills, does not include provisions for radiological monitoring drills related to the plume exposure pathway or ingestion exposure pathway emergency planning zones to be conducted at least annually. Include this provision in the plan.

Response:

Annual radiological monitoring drills related to the plume exposure pathway or ingestion exposure pathway emergency planning zones will be added in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.3.2, Radiological Monitoring Drills, will be modified to include annual radiological monitoring drills related to the plume exposure pathway or ingestion exposure pathway emergency planning zones.

RAI Calvert Cliffs – 060 D.2 St. Mary's County

The St. Mary's County REP, Section 3.3.2, Radiological Monitoring Drills, also does not indicate that communications and record keeping will be a part of the annual radiological monitoring drills. Include this provision in the plan.

Response:

Provisions for communications and record keeping will be added in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.3.2, Radiological Monitoring Drills, will be modified to ensure communications and record keeping are included in annual radiological monitoring drills.

RAI Calvert Cliffs – 061 C.1 St Mary's County

Basis: NUREG-0654 Evaluation Criterion N.3.a

The St. Mary's County REP, Section 3.1, Scenarios, does not include provisions for each organization to describe how exercises and drills are to be carried out to allow free play for decision making. Provide a description of how exercises and drills are to be carried out to allow free play for decision making.

Response:

Provisions for each organization to describe how exercises and drills are to be carried out to allow free play for decision-making will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.1, Scenarios, will be revised to include provisions for each organization to describe how exercises and drills are to be carried out to allow free play for decision making.

RAI Calvert Cliffs – 061 C.2 St Mary's County

The St. Mary's County REP, Section 3.1, Scenarios, also does not indicate that the following information must be included in the development of exercise scenarios: basic objectives; appropriate evaluation criteria. Provide information indicating will the above information will be included any development of exercise scenarios by Calvert County.

Response:

Basic objectives and appropriate evaluation criteria will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.1, Scenarios, will be revised to include basic objectives; appropriate evaluation criteria.

RAI Calvert Cliffs – 062 C St Mary's County

Basis: NUREG-0654 Evaluation Criterion N.3.b

The St. Mary's County REP, Section 3.1, Scenarios, also does not indicate that the following information must be included in the development of exercise scenarios: the date(s), time period, place(s), and participating organizations. Provide information indicating will the above information will be included any development of exercise scenarios by Calvert County.

Response:

The date(s), time period, place(s), and participating organizations will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.1, Scenarios, will be revised to include the date(s), time period, place(s), and participating organizations.

RAI Calvert Cliffs – 063 F (C) St Mary's County

Basis: NUREG-0654 Evaluation Criterion N.3.c

The St. Mary's County REP, Section 3.1, Scenarios, also does not indicate that the following information must be included in the development of exercise scenarios: the simulated events. Provide information indicating will the above information will be included any development of exercise scenarios by Calvert County.

Response:

Simulated events will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.1, Scenarios, will be revised to include simulated events.

RAI Calvert Cliffs – 064 C St. Mary's County

Basis: NUREG-0654 Evaluation Criterion N.3.d

The St. Mary's County REP, Section 3.1, Scenarios, also does not indicate that the following information must be included in the development of exercise scenarios: a time schedule of real and simulated initiating events. Provide information indicating will the above information will be included any development of exercise scenarios by Calvert County.

Response:

A time schedule of real and simulated initiating events will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.1, Scenarios, will be revised to include a time schedule of real and simulated initiating events.

RAI Calvert Cliffs – 067 C St. Mary's County

Basis: NUREG-0654 Evaluation Criterion N.4

The St. Mary's County REP, Section 3.5, Critique, does not provide for a critique to evaluate the ability of organizations to respond as called for in the plan as soon as practical after the exercise. Include this provision in the plan.

Response:

A critique conducted as soon as practical following the exercise will be added in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

A critique conducted as soon as practical following the exercise will be included in Section 3.5, Critique.

RAI Calvert Cliffs – 068 D.1 St. Mary's County

Basis: NUREG-0654 Evaluation Criterion N.5

The St. Mary's County REP provides no information on how organizations would establish a means for evaluating observer and participant comments for areas needing improvement, including emergency plan procedural changes, and responsibility for implementing corrective actions. Include this information in the plan.

Response:

Information regarding the establishment of a means for evaluating observer and participant comments on areas needing improvement, procedural changes and implementing corrective actions will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Revise the REP to include information regarding the establishment of a means for evaluating observer and participant comments on areas needing improvement, procedural changes and implementing corrective actions.

RAI Calvert Cliffs – 068 D.2 St. Mary's County

The St. Mary's County REP did not establish how each organization will ensure that corrective actions are implemented. Include this information in the plan.

Response:

A means to ensure that corrective actions are implemented will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include a means to ensure corrective actions are implemented.

RAI Calvert Cliffs – 069 C St. Mary's County

Basis: NUREG-0654 Evaluation Criterion O.1.b

The St. Mary's County REP does not address provisions to offer training to other departments who are members of their mutual aid district. Include this information in the plan.

Response:

Training offered to members of the mutual aid districts will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include training members of mutual aid districts.

RAI Calvert Cliffs – 076 D St. Mary's County

Basis: NUREG-0654 Evaluation Criterion P.5

The St. Mary's County REP, Section 3.6, Plan Maintenance, states that formal changes and revised pages will be dated and marked to show where changes have been made. The plan has revised pages dated but not marked to show where changes have been made. Provide information on how such plans are marked to show where changes have been made.

Response:

Information on how plans are marked to show where changes have been made will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.6, Plan Maintenance, will be revised to show how plans are marked to identify where changes have been made.

RAI Calvert Cliffs – 078 D.1 St. Mary's County

Basis: NUREG-0654 Evaluation Criterion P.8

The St Mary's NUREG 0654 Cross-Reference is provided in Attachment 1, NUREG 0654 Cross Reference, and will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

NUREG 0654 Cross-Reference table will be included in the next revision of the St Mary's County REP.

RAI Calvert Cliffs – 078 D.2 St. Mary's County

The Table of Contents is missing from the St. Mary's County REP. Provide a Table of Contents for the St. Mary's County REP.

Response:

A Table of Contents will be developed and included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

A Table of Contents for the St Mary's County REP will be developed and included in the next revision of the plan.

RAI Calvert Cliffs – 079 D St. Mary's County

Basis: NUREG-0654 Evaluation Criterion P.10

The St. Mary's County REP, Section 6.6, *Plan Maintenance*, indicates that telephone numbers and staff assignments will be updated quarterly, but does not include maps in the quarterly update as required by FEMA PR-1, *Policy on 0654/FEMA-REP-1 and 44 CFR 350 Requirements*. Include this provision in the plan.

Response:

Maps to be included in the quarterly update will be identified in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Maps to be included in the quarterly update will be identified in 3.6, Plan Maintenance, of the plan.

Dorchester County

RAI Calvert Cliffs – 002 B, Dorchester County

Subject: Written Agreements between Federal, State, and Local Agencies

Basis: NUREG-0654 Evaluation Criterion A.2.b

SRP ACCEPTANCE CRITERION: Requirement H

The Dorchester County REP does not identify the legal basis for the authority to assign lead responsibility for emergency preparedness to a particular county agency. Include this information in the plan, with citations from the relevant State or local statute(s), as appropriate. (See Maryland REP, Authority).

Response:

The legal basis for the authority to assign lead responsibility for emergency preparedness to a particular county agency will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include the legal basis to assign responsibility for emergency preparedness in Dorchester County. This legal basis, with citations from the relevant local statute(s), will be referenced in Section 3, Concept of Operations.

RAI Calvert Cliffs – 003 C.1 Dorchester County

Basis: NUREG-0654 Evaluation Criterion A.3 and C.4

The Dorchester County RERP, Section 3.2, Mutual Aid Agreements, states that local mutual aid agreements with the major political subdivisions within the Calvert Cliffs Nuclear Power Plant (CCNPP) Plume and Ingestions Emergency Planning Zones are in existence and are contained in Emergency Management Assistance Compacts (MEMAC). Provide these mutual aid agreements.

Response:

The Mutual Aid is provided in the MEMAC. A copy of this agreement will be provided to FEMA by 09/30/2009.

Proposed Plan Change:

No changes to the Dorchester County REP are proposed.

RAI Calvert Cliffs – 003 C.2 Dorchester County

The Dorchester County RERP, Section 3.5.2.5, Parallel Actions, identifies the American Red Cross, Salvation Army, and Dorchester General Hospital as organizations that can be relied upon in an emergency to provide assistance. Certain other organizations (e.g., radio stations in Attachment #5, Tab A and bus contractors in Attachment #9, Tab D) are only identified in general terms. No Letters of agreement are provided. Provide information specifically identifying all assisting organizations, and provide Letters of Agreement for all assisting organizations.

Response:

Subtitle 8 of Title 14 Annotated code of Maryland defines the authority for the Emergency Management Agencies to obtain resources for assisting organizations. Additionally referenced Letters of Agreement are inherent in the State of Maryland charters and as members of Maryland Emergency Support Function (ESF) 15. This information will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

No changes to the plan are proposed.

RAI Calvert Cliffs – 007C Dorchester County

Basis: NUREG-0654 Evaluation Criterion A.3 and C.4

The Dorchester County RERP, Section 3.5, Plan Implementation, does not specify a preferred protective action for a fast-breaking severe reactor accident. Per NUREG-0654/FEMA-REP-1, Rev 1, Supplement 3, Criteria for Protective Action Recommendations for Severe Accidents, July 1996, the preferred protective action for severe accidents is to evacuate immediately to about 2 miles in all directions from the plant and about 5 miles downwind from the plant, unless other conditions make evacuation dangerous. Provide information about any predetermined protective actions to be implemented when confronted with a fast-breaking emergency.

Response:

Plans contain a range of protective actions including those for a fast breaker.

Proposed Plan Change:

No changes are required

RAI Calvert Cliffs – 008 B.1 Dorchester County

Basis: NUREG-0654 Evaluation Criteria E.5 and J.10.c

FEMA-REP-10, Guide for the Evaluation of Alert and Notification Systems for Nuclear Power Plants, November 1985, specifies that emergency plans provide certain technical details and broadcast periodicity for EAS stations. This includes information regarding transmission signal strength or county coverage and provisions to broadcast on a 24/7 basis. A typical broadcast interval is 15-minutes. The Dorchester County RERP, Section 3.5, Plan Implementation, specifies that radio or television stations will provide assistance in providing emergency information to the public. Attachment #2 identifies two radio stations, but no television stations were identified. Provide a list of all radio and television stations that will provide emergency information to the public in Dorchester County, as well as technical information and broadcast intervals for each.

Response:

Local Emergency Alert Stations and their frequency are listed at the bottom of each calendar page in the Constellation Energy Nuclear Generation Group, Public Emergency Response Information's calendar. The calendar is jointly developed by the State, respective plume zone county, and CCNPP and updated on an annual basis. The broadcast intervals will vary depending on the severity of the incident.

Each station's transmission signal strength or county coverage will be included in next revision to be completed by 09/30/2009.

Proposed Plan Change:

The Dorchester County plan will be revised to include each station's transmission signal strength or county coverage. The calendar will be modified to include an asterisk beside the stations that broadcast 24/7.

RAI Calvert Cliffs – 008 B.2 Dorchester County

FEMA-REP-10, Guide for the Evaluation of Alert and Notification Systems for Nuclear Power Plants, November 1985, specifies that emergency plans identify provisions for the EOC or a media center to monitor EAS broadcasts to identify and correct misinformation. The Dorchester County RERP does not address this requirement. Provide information regarding provisions in Dorchester County to monitor EAS broadcasts.

Response:

The Public Information Officer's checklist contained in Attachment 5, Public Information SOP, identifies the provisions to monitor EAS broadcast. This checklist was provided to FEMA in previous email correspondence.

Proposed Plan Change:

No changes to the Dorchester County REP are proposed.

RAI Calvert Cliffs – 009 B.1 Dorchester County

Basis: NUREG-0654 Evaluation Criteria E.6 and J.10.c

The Dorchester County RERP, Section 3.5, Plan Implementation, indicates that the sirens may be activated for testing; however, the details/types of tests and the periodic test frequency are not identified here or elsewhere in the plan. Provide information regarding the types of siren tests that are conducted and the test frequency as required by Appendix 3 to NUREG-0654/FEMA-REP-1, Rev. 1, Appendix 3, Means for Providing Prompt Alerting and Notification of Response Organizations and the Population, October, 1980.

Response:

Information regarding the types of siren tests that are conducted and the test frequency as required by Appendix 3 to NUREG-0654/FEMA-REP-1, Rev. 1, Appendix 3, Means for Providing Prompt Alerting and Notification of Response Organizations and the Population, October, 1980 are included in the county siren activation procedures to be provided to FEMA by 09/30/2009.

Proposed Plan Change:

No changes to the Dorchester County REP are proposed.

RAI Calvert Cliffs – 009 B.2 Dorchester County

The Dorchester County RERP Attachment #6, Tab C, *Sheriff's Department SOP*, contains route alerting maps but does not provide specific maps or instructions to support actions in the event of a failed siren, or the need (if any) for exception route alerting. Provide information regarding backup and exception route alerting in Dorchester County as required by FEMA-REP-10, *Guide for the Evaluation of Alert and Notification Systems for Nuclear Power Plants*, November, 1985.

Response:

Information regarding backup and exception route alerting will be corrected in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Specific information (including lists, maps, and procedures) regarding actions in the event of a failed siren or for any existing areas that require exception route alerting due to isolation or no siren coverage will be added to Attachment #6, Tab C, *Sheriff's Department SOP*.

RAI Calvert Cliffs – 009 B.3 Dorchester County

The Dorchester County RERP, Section 2.0, Special Concerns, states that the public will be asked to aid neighbors who are handicapped, impaired, or with special needs requiring special attention. It states that a listing of handicapped or special needs citizens residing within the Calvert Cliffs Nuclear Power Plant (CCNPP) plume zone is on file at the County EOC and that the County Public Schools System maintains a listing of all handicapped students. The plan does not provide specific details regarding how special needs individuals are handled in the public alert and notification process. Provide specific information regarding alerting and notifying special needs individuals, including whether tone alert radios or telecommunications devices for the deaf (TDD) are employed as part of the public alert and notification system, as required by FEMA Guidance Memorandum 24, Radiological Emergency Preparedness for Handicapped Persons, dated April 5, 1984.

Response

This will be corrected in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Specific information regarding alerting and notifying special needs individuals, including the use of tone alert radios or telecommunications devices for the deaf (TDD) employed as part of the public alert and notification system, will be added to the Plan in Sections 3.5, Plan Implementation and 4, Special Concerns.

RAI Calvert Cliffs – 009 B.4 Dorchester County

The Dorchester County RERP, Section 3.5, Plan Implementation, specifies that the only the Emergency Management Director, or his designee, may activate the sirens. The plan does not identify administrative protocols for the coordinated sounding of the sirens in all three counties during an emergency. Provide information regarding provisions to coordinate the sounding of the sirens during an emergency.

Response:

Provide information regarding provisions to coordinate the sounding of the sirens during an emergency will be corrected in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Procedures for the Dorchester County Emergency Management Director to coordinate sounding of the sirens with appropriate officials in any or all three of the counties during an emergency will be added to Section 3.5, Plan Implementation.

RAI Calvert Cliffs – 013 C Dorchester County

NUREG-0654 Evaluation Criterion F.1.d

The Dorchester County RERP, Attachment #2, Section 4.2.2, Dorchester County Emergency Operations Center SOP, Communication, states that communications with the County radiological field monitoring teams are by Fire and Rescue and State Police radio nets. The Plan did not state which communications methods were primary and which were backup. Provide a description of the primary and backup methods of communications with field monitoring teams.

Response:

A description of the primary and back-up methods of communications with field monitoring teams will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Attachment 2, Section 4.2.2, Dorchester County Emergency Operations Center SOP will be revised to include a description of the primary and backup methods of communications with field monitoring teams.

RAI Calvert Cliffs – 014 B Dorchester County

Basis: NUREG-0654 Evaluation Criterion F.2

The Dorchester County RERP, Section 3.4, Emergency Communications, states that the Maryland Institute for Emergency Medical Services Systems (MIEMSS) Communication System provides communications link between all hospitals within the State, and with Field ambulances. The Dorchester County RERP does not provide information on how these communications are implemented with hospitals and ambulances, but does refer in Attachment #16, Dorchester General Hospital SOP, to the Dorchester General Hospital Disaster Plan (not provided for review) for details. Provide information about methods of communication between hospitals and ambulances in Dorchester County.

Response:

The methods of communication between hospitals and ambulances will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 1.4, Emergency Communications, will be revised to include methods of communication between hospitals and ambulances.

RAI Calvert Cliffs – 015 C. Dorchester County

Basis: NUREG-0654 Evaluation Criterion F.3

The Dorchester County RERP, Section 5.2.1, Communications Drills, provides for periodic testing of the communications system, but the plan does not provide details on how this testing will be performed. Provide detailed information about the periodic testing of emergency communications systems in Dorchester County.

Response:

Information describing the periodic testing of the Dorchester County emergency communications system will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Details regarding the responsibility for testing the Dorchester County emergency communications system, as well as the type of testing, frequency of testing, methods for testing, and tracking of test results and repairs/calibration will be delineated in Section 5.2.1, Communications Drills, and in the SOP Summary of the responsible agency/official.

RAI Calvert Cliffs – 016 C Dorchester County

Basis: NUREG-0654 Evaluation Criterion G.1

The Dorchester County RERP, Section 3.5.2.6, Special Concerns, does not contain samples of the public education material produced for residents of the Calvert Cliffs Nuclear Power Plant (CCNPP)

Emergency Planning Zone (EPZ). Provide samples of the brochure and telephone directory information cited in the plan, as well as any other material directed at EPZ residents, including foreign language translations of the materials (if required).

Response:

Information describing the public education materials produced for EPZ residents will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Details regarding the public education materials produced for EPZ residents will be delineated in Section 4.0, Special Concerns, and 5.4, Training, of the plan and in the SOP Summary of the responsible agency/official. Samples of public information materials, including brochures, pamphlets, and telephone directory information will be included in the plan.

RAI Calvert Cliffs – 017 C. Dorchester County

Basis: NUREG-0654 Evaluation Criterion G.2

The Dorchester County RERP, Section 3.5.2.6, Special Concerns, does not clearly address public information materials directed to transient EPZ populations. Provide a list and samples of these materials, including signs, decals, and other means placed in special concerns facilities and other facilities serving transients, as well as foreign language translations of the materials (if required). Also describe provisions for annual inventory and maintenance of these materials and the locations where they are posted.

Response:

Information describing the public education materials produced for transient EPZ populations will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Details regarding the public education materials produced for transient EPZ populations will be delineated in Sections 4, Special Concerns, and 5.4, Training, of the plan and in the SOP Summary of the responsible agency/official. A list of and samples of public information materials for transients, including brochures, pamphlets, signs, decals and telephone directory information will be included in the plan. Posting locations as well as requirements for inventory and maintenance for these materials will also be included.

RAI Calvert Cliffs – 018 C. Dorchester County

Basis: NUREG-0654 Evaluation Criterion G.4.b

The Dorchester County RERP, Section 3.5.2.6, Plan Implementation, Public Information, Attachment #2, Emergency Operations Center SOP, and Attachment #5, Public Information SOP, mention coordination between spokespersons regarding public information, but do not contain or reference specific procedures that demonstrate how timely exchange will be implemented. Provide communications procedures addressing the timely exchange of information between spokespersons.

Response:

Information describing the exchange and coordination of public information will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Details regarding the timely exchange of public information between the various spokespersons and

coordination of its release to the public will be delineated in Sections 3.3.2, Media Center, and 3.5.2, Phase 2-Operational, of the plan and in the SOP Summaries (6.1 and 6.2) of the responsible agencies/officials.

RAI Calvert Cliffs – 019 C. Dorchester County

Basis: NUREG-0654 Evaluation Criterion G.4.c

The Dorchester County RERP, Section 10.0, Standard Operating Procedure Introduction/Index, Rumor Control, states that a rumor control hotline will be established but does not include any more detailed information. Provide procedures or other information describing coordinated arrangements for rumor control.

Response:

Information describing coordinated arrangements for rumor control will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Details regarding coordinated arrangements for rumor control between the various spokespersons and the Joint Information Center will be delineated in Sections 3.3.2, Media Center, and 3.5.2, Phase 2-Operational, of the plan and in the SOP Summaries (6.1 and 6.2) of the responsible agencies/officials.

RAI Calvert Cliffs – 020 C. Dorchester County

Basis: NUREG-0654 Evaluation Criterion G.5

The Dorchester County RERP does not contain any information about a news media education program. Provide a general description of the annual program to acquaint the news media with the emergency plans, information concerning radiation, and points of contact for release of public information, including a description of written materials that are distributed.

Response:

Information describing the annual education program for the news media will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Details regarding the annual program to acquaint the news media with emergency plans, information concerning radiation, and points of contact for release of public information, including a description of written materials, will be delineated in Section 5.4.2, Public Information Training, of the plan and in the SOP Summary of the responsible agency/official.

RAI Calvert Cliffs – 021 C.1 Dorchester County

Basis: NUREG-0654 Evaluation Criterion H.3

The Dorchester County RERP, Section 3.3.4, Emergency Operations Center, did not include any discussion of methods that would be used to control personnel access to the Emergency Operations Center (EOC). Include this information in the plan.

Response:

Information describing access control to the EOC will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Details regarding the procedures and methods that would be used to control personnel access to the Emergency Operations Center (EOC) will be delineated in Section 3.3.4, Emergency Operations Center, of the plan and in the SOP Summary of the responsible agency/official.

RAI Calvert Cliffs – 021 C.2 Dorchester County

The Dorchester County RERP, Section 3.3.4, Emergency Operations Center, contains a partial listing of facility equipment, but this list does not contain enough detail to demonstrate that equipment is sufficient to support operations. Provide a listing of facility equipment with enough detail to demonstrate that equipment is sufficient to support operations.

Response:

A list of EOC equipment will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

A comprehensive list of equipment necessary for EOC operation will be referenced in Section 3.3.4, Emergency Operations Center and added to the plan as a table.

RAI Calvert Cliffs – 024 C.1 Dorchester County

Basis: NUREG-0654 Evaluation Criterion H.10

The Dorchester County RERP, Section 5.7, Equipment Maintenance, states that the Calvert County Emergency Management (EM) Director is responsible for equipment inventory, inspection, operational checks, and maintaining records, but does not contain or reference specific procedures. Provide procedures or other information addressing these tasks.

Response:

Information describing emergency equipment used by county agencies and maintenance and calibration of it will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Comprehensive lists of emergency equipment used by county agencies and procedures for maintenance and calibration of this equipment will be referenced in Section 5.7, Equipment Maintenance, and in the appropriate agency SOP Summary.

RAI Calvert Cliffs – 024 C.2 Dorchester County

The Dorchester County RERP, Attachment #3, Tab C, Radiological Equipment, does not describe reserve equipment that could be to be placed in use when primary equipment was unavailable due to calibration or repair as required by NUREG 0654 Criterion H.10. Include this information in the plan.

Response:

Information describing emergency equipment used by County agencies and maintenance and calibration of it will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Comprehensive lists of emergency equipment used by County agencies will be referenced in Section 3.7, Equipment Maintenance, and the SOP Summary of the appropriate agency. The lists, including

Tab C, Radiological Equipment, will include numbers required and total numbers to indicate adequate reserves.

RAI Calvert Cliffs – 025 C Dorchester County

Basis: NUREG-0654 Evaluation Criterion H.11

The Dorchester County RERP, Attachment #3, Accident Assessment (Field Monitoring) SOP, contains descriptions of the contents of radiological monitoring equipment kits but does not include listings of protective equipment, communications equipment, and emergency supplies as required by NUREG 0654 Criterion H.11. Provide the required equipment information.

Response:

Information describing emergency equipment and kits used by county agencies and maintenance and calibration of it will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

A comprehensive list of emergency kits by general category (protective equipment, communications equipment, radiological monitoring equipment and emergency supplies) used by county agencies will be referenced in Section 5.7, Equipment Maintenance, and added as an appendix to the plan.

RAI Calvert Cliffs – 028 B.1 Dorchester County

Basis: NUREG-0654 Evaluation Criterion I.8

The Dorchester County RERP, Attachment 3, Accident Assessment (Field Monitoring) SOP, does not specify how many field monitoring teams will be deployed for the county. Provide information about the number of teams that will be deployed for field monitoring.

Response:

Information describing numbers of field monitoring teams will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The required numbers of field monitoring teams will be delineated in the Accident Assessment SOP, Attachment 3.

RAI Calvert Cliffs – 028 B.2 Dorchester County

The Dorchester County RERP, Attachment 3, Accident Assessment (Field Monitoring) Standard Operating Procedure, states that County field monitoring teams will be directed by the County Radiological Officer. The Dorchester County RERP does not explain the decision-making process for determining where to send the teams and if coordination with any other agency (i.e., MDE) is conducted. Provide information about the decision-making process for determining where to send the teams and any coordination with any other agency.

Response:

Field monitoring teams are sent to pre-designated fixed monitoring points, but more information describing deployment of field monitoring teams will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Detailed information describing the decision-making process for deployment of field monitoring teams and coordination with other agencies will be delineated in Section 3.5, Plan Implementation, of the plan and SOP Summaries 6.2, Division of Emergency Management, and 6.5 Health Department.

RAI Calvert Cliffs – 028 B.3 Dorchester County

The Dorchester County RERP, Attachment 3, Accident Assessment (Field Monitoring) Standard Operating Procedure, states that equipment checks will be performed at the staging area. Provide information or procedures describing how equipment checks should be conducted, verification of calibration stickers, and direction for establishing a background measurement prior to deployment.

Response:

Information describing operational checks of field monitoring equipment will be included in the next revision of Attachment 3 Accident Assessment (Field Monitoring) SOP to be completed by 09/30/2009.

Proposed Plan Change:

Detailed information describing how equipment checks should be conducted, verification of calibration stickers, and direction for establishing a background measurement prior to deployment will be added to Attachment 3, Accident Assessment (Field Monitoring) Standard Operating Procedure.

RAI Calvert Cliffs – 034 C Dorchester County

Basis: NUREG-0654 Evaluation Criterion J.10.a

The Dorchester County RERP does not contain all of the map information specified in established FEMA guidance. Provide maps of radiological sampling and monitoring points (including water sources). Also provide the frequency for updating maps and the organization(s) responsible for map maintenance.

Response:

Maps of radiological sampling and monitoring points (including water sources), relocation centers, and shelter areas will be provided to FEMA Region III on 9/30/2009.

Information describing required maps and maintenance of them will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Detailed information referencing the required maps; the frequency for updating maps; and the organization(s) responsible for map maintenance will be delineated in Sections 3.5, Plan Implementation, and 5.6, Plan Maintenance, of the plan and SOP Summaries 6.2, Division of Emergency Management, and 6.5 Health Department.

RAI Calvert Cliffs – 035 Dorchester County

Basis: NUREG-0654 Evaluation Criterion J.10.b

The Dorchester County RERP does not contain maps showing the population distribution around the nuclear facility. Provide maps of the population distribution around the Calvert Cliffs Nuclear Power Plant (CCNPP) by protective action zone, and identify directly, or reference where to find, school populations (including day-care centers) and other special populations, including the maximum anticipated population at recreation areas.

Response:

Maps of the population distribution around CCNPP by protective action zone will be provided to FEMA Region III on 9/30/2009.

Information referencing required maps and school and special population locations/numbers will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Detailed information referencing the required population distribution maps and school and special population locations/numbers will be delineated in Sections 3.5, Plan Implementation, 4. Special Concerns, and 5.6, Plan Maintenance, of the plan and SOP Summary 6.2, Division of Emergency Management.

RAI Calvert Cliffs – 036 B Dorchester County

Basis: NUREG-0654 Evaluation Criterion J.10.d

The Dorchester County RERP, Section 2.0, Special Concerns, includes a list of special facilities, but does not include sufficient detail pertaining to those persons whose mobility may be impaired due to such factors as institutional or other confinement. The following information is needed:

RAI Calvert Cliffs – 036 B.1 Dorchester County

Provide the Plans for the Schools (Public and Private) that are in the plume Emergency Planning Zone (EPZ).

Response:

There are no public or private schools in the plume EPZ.

Proposed Plan Change:

No changes to the Dorchester County REP are proposed.

RAI Calvert Cliffs – 036 B.2 Dorchester County

Provide information on how the hearing impaired residents (if they are any present) would be notified of an emergency.

Response:

Information on how the hearing impaired residents would be notified of an emergency will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include how hearing impaired residents will be notified of an emergency.

RAI Calvert Cliffs – 036 B.3 Dorchester County

Provide information on how the health care facilities such as nursing homes would be informed of an emergency.

Response:

There are no health care facilities in the plume EPZ.

Proposed Plan Change:

No changes to the Dorchester County REP are proposed.

RAI Calvert Cliffs – 036 B.4 Dorchester County

Provide the list of Day Care Centers in the EPZ.

Response:

There are no Day care centers in the plume EPZ.

Proposed Plan Change:

No changes to the Dorchester County REP are proposed.

RAI Calvert Cliffs – 036 B.5 Dorchester County

Provide (other than for schools) the types (buses, ambulances, wheel chair vans etc) and number of these vehicles that would be required to move the mobility impaired individuals.

Response:

The types and number of these vehicles that would be required to move the mobility impaired individuals will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include the types and number of these vehicles that would be required to move the mobility impaired individuals.

RAI Calvert Cliffs – 036 B.6 Dorchester County

Provide the time frame (time for transportation mobilization, deployment, loading and evacuation) for implementing the evacuation of the mobility impaired (should be extracted from the Evacuation Time Estimate Study and provided in the Plan).

Response:

The time frame for implementing the evacuation of the mobility impaired will be provided to FEMA Region III on 9/30/2009.

Proposed Plan Change:

No changes to the Dorchester County REP are proposed.

RAI Calvert Cliffs – 037 C Dorchester County

Basis: NUREG-0654 Evaluation Criterion J.10.e

The Dorchester County RERP, Attachment #8, Health Department SOP, does not provide information on the supply of KI, storage location, maintenance, instructions for use, or means of distribution (pre-distribution program and distribution at reception centers) for the general public. Use of KI for institutionalized persons is not addressed in the Dorchester County RERP. Provide information on

policies and procedures on the use and administration, distribution, and storage requirements for KI for emergency workers, institutionalized persons, and the general public in Dorchester County.

Response:

Information on policies and procedures on the use and administration, distribution, and storage requirements for KI for emergency workers, institutionalized persons, and the general public will be included in the next revision of Attachment #8 to be completed by 09/30/2009.

Proposed Plan Change:

Revise Attachment #8, County Health Department, SOP to include policies and procedures on the use and administration, distribution, and storage requirements for KI for emergency workers, institutionalized persons, and the general public.

RAI Calvert Cliffs – 038 C Dorchester County

Basis: NUREG-0654 Evaluation Criterion J.10.f

The Dorchester County RERP, Attachment #4, Radiation Exposure Control SOP, provides a PAG for administration of KI for emergency workers but does not describe the method by which decisions by the State Health Department for administering radioprotective drugs to the general population are made during an emergency. Provide SOPs or other information describing the basis for administration of KI to emergency workers and the general public.

Response:

The Radiological Health Officer checklist will be provided to FEMA Region III on 9/30/2009.

Proposed Plan Change:

No changes to the Dorchester County REP are proposed.

RAI Calvert Cliffs – 039 B Dorchester County

Basis: NUREG-0654 Evaluation Criterion J.10.g

The Dorchester County RERP, Attachment #6, Sheriff's Department SOP, states that the Sheriff's Department will be responsible for coordinating evacuation, but the plan lacks the details below regarding the means of evacuation required by Guidance Memorandum 21, Rev.1, Acceptance Criteria for Evacuation Plans, February 29, 1984.

RAI Calvert Cliffs – 039 B.1 Dorchester County

For Dorchester County provide the list of contractors who supply transportation resources and the Letters of Agreement with private transportation providers.

Response:

A list of contractors who supply transportation resources and the Letters of Agreement with private transportation providers will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include contractors who supply transportation resources and the Letters of Agreement with private transportation providers.

RAI Calvert Cliffs – 039 B.2 Dorchester County

For Dorchester County provide the method for providing transportation for evacuees (who are not special needs) who need it.

Response:

The method for providing transportation for evacuees who are not special needs will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be modified to include the method for providing transportation for evacuees who are not special needs.

RAI Calvert Cliffs – 039 B.3 Dorchester County

For Dorchester Counties provide the method used to estimate the number of evacuees who will need transportation assistance is not provided.

Response:

The method used to estimate the number of evacuees who will need transportation assistance will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Revise the plan to include the method used to estimate the number of evacuees who will need transportation assistance.

RAI Calvert Cliffs – 039 B.4 Dorchester County

For Dorchester Counties provide a map with the evacuation routes and the locations of the Access Control Points (ACP) and the Traffic Control Points (TCP).

Response:

A map(s) with the evacuation routes and the locations of the ACP and the TCP will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Include in Attachment 6, Sheriffs Department, a map(s) with evacuation routes and the locations of the ACPs and the TCPs.

RAI Calvert Cliffs – 039 B.5 Dorchester County

For Dorchester Counties provide information (layout, equipment, personnel etc) pertinent to the set up and implementation of the ACP and TCP. Provide a drawing for each ACP and TCP showing the layout, set up of equipment and the number of personnel.

Response:

A drawing for each ACP and TCP showing the layout, set up of equipment and the number of personnel will be included the next revision of Attachment 6, Sheriffs Department, to be completed by 09/30/2009.

Proposed Plan Change:

Include in Attachment 6, Sheriffs Department, a drawing of each ACP and TCP showing the layout, set up of equipment and the number of personnel.

RAI Calvert Cliffs – 040 B.1 Dorchester County

Basis: NUREG-0654 Evaluation Criterion J.10.h

The Dorchester County RERP, Attachment #11, Social Services SOP, Tab E contains a list of Mass Care centers. The plan lacks the details below regarding reception centers required by Guidance Memorandum 21, Rev.1, Acceptance Criteria for Evacuation Plans, February 29, 1984.

RAI Calvert Cliffs – 040 B.1 Dorchester County

For Dorchester Counties provide the capacities of the Mass Care Centers.

Response:

The capacities of the Mass Care Centers will be included the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Revise the plan to include the capacities of Mass Care Centers.

RAI Calvert Cliffs – 040 B.2 Dorchester County

For Dorchester Counties provide the list of Reception Centers and Mass Care Centers accessible to handicapped persons.

Response:

A reference to the list of Reception Centers and Mass Care Centers accessible to handicapped persons will be included the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

A List of Reception Centers and Mass Care Centers accessible to handicapped persons will be referenced in the plan.

RAI Calvert Cliffs – 040 B.3 Dorchester County

For Dorchester Counties describe how or provide a drawing showing the areas will be set aside in the Reception Centers and Mass Care Centers for the sensory and movement impaired, the elderly and mentally disabled.

Response:

Regulations included in the Americans with Disabilities Act prohibit these discriminations.

Proposed Plan Change:

No changes to the plan are proposed.

RAI Calvert Cliffs – 041 C.1 Dorchester County

Basis: NUREG-0654 Evaluation Criterion J.10.i and J.10.l

The Dorchester County RERP, Attachment #5, Public Information SOP, contains a map of evacuation routes, but does not include selected data from the ETE Study such as evacuation time estimates for the general population and the special population groups. Provide information about how such data from the ETE Study has been included in the Calvert County REP, and the appropriate procedures, such as the Board of Education and Social Services.

Response:

Evacuation time estimates for the general population and the special population groups will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include evacuation time estimates for the general population and the special population groups.

RAI Calvert Cliffs – 041 C.2 Dorchester County

The Dorchester County RERP does not include the current and the proposed ETE Study's recommendations for the location of traffic control and access control points to address identified impediments to traffic flow. Provide information about how such recommendations have been included in the plan and the appropriate procedures, such as the Sheriff's Department and State Police.

Response:

The ETE Study's recommendations for the location of traffic control and access control points to address identified impediments to traffic flow will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include the ETE Study's recommendations for the location of traffic control and access control points to address identified impediments to traffic flow.

RAI Calvert Cliffs – 042 C Dorchester County

Basis: NUREG-0654 Evaluation Criterion J.10.j

The Dorchester County REP provides for access control of roads and waterways in Attachment #6, Sheriff's Department SOP, Attachment #14, Maryland State Police SOP, and Attachment #15, Department of Natural Resources SOP, but lacks the following items and procedures:

RAI Calvert Cliffs – 042 C.2 Dorchester County

For Dorchester County provide a map with the evacuation routes and the locations of the Access Control Points (ACP) and the Traffic Control Points (TCP).

Response:

A map with the evacuation routes and the locations of the Access Control Points (ACP) and the Traffic Control Points (TCP) will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Attachment 6, Sheriffs Department SOP will be revised to include a map of the evacuation routes and the locations of the Access Control Points (ACP) and the Traffic Control Points (TCP).

RAI Calvert Cliffs – 042 C.3 Dorchester County

For Dorchester County provide information (layout, equipment, personnel etc) pertinent to the set up and implementation of the ACP and TCP. Provide a drawing for each ACP and TCP showing the layout, set up of equipment and the number of personnel.

Response:

A drawing for each ACP and TCP showing the layout, set up of equipment and the number of personnel will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Attachment 6, Sheriffs Department, will be revised to include a drawing for each ACP and TCP showing the layout, set up of equipment and the number of personnel.

RAI Calvert Cliffs – 045 C Dorchester County

Basis: NUREG-0654 Evaluation Criterion J.12

The Dorchester County RERP, Attachment #4, Radiation Exposure Control Procedures, provides general descriptions of instrument types and methods for the radiological monitoring and registration of evacuees. However, insufficient information was provided in county plans and procedures for review to determine the adequacy of personnel and monitoring equipment available to monitor residents and transients arriving at relocation (reception) centers within about a 12 hour period. The information not provided includes the quantities of hand-held instruments by type, the quantities of portal monitors if used, and type (stating they meet required sensitivity according to current FEMA guidance), the numbers of trained personnel available to perform evacuee monitoring, and a description of how available resources meet the requirement for monitoring 20% of the EPZ population assigned to each reception center can be met in a 12 hour period. Provide this documentation.

Response:

The quantities of hand-held instruments by type, the quantities of portal monitors if used, and type (stating they meet required sensitivity according to current FEMA guidance), the numbers of trained personnel available to perform evacuee monitoring, and a description of how available resources meet the requirement for monitoring 20% of the EPZ population assigned to each reception center can be met in a 12 hour period will be provided in Attachment #4, Radiation Exposure Control Procedures in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Revise Attachment #4, Radiation Exposure Control, to include the quantities of hand-held instruments by type, the quantities of portal monitors if used, and type (stating they meet required sensitivity according to current FEMA guidance), the numbers of trained personnel available to perform evacuee monitoring, and a description of how available resources meet the requirement for monitoring 20% of the EPZ population assigned to each reception center can be met in a 12 hour period.

RAI Calvert Cliffs – 046 C Dorchester County

Basis: NUREG-0654 Evaluation Criterion K.3.a

The Dorchester County RERP, SOP Introduction, Section 5 says that emergency workers obtain dosimetry at the Dorchester EOC, but does not provide information on the quantities of dosimeters and dosimeter chargers available, or the number of persons (emergency workers) needing dosimetry. Provide information on the quantities of dosimeters and dosimeter chargers available and the number of persons (emergency workers) needing dosimetry.

Response:

Attachment 3, Accident Assessment (Field Monitoring) SOP, Tab C lists the total dosimetry available. However, information referencing exposure control procedures and numbers of dosimeters needed, will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Attachment 3, Accident Assessment (Field Monitoring) SOP, Tab C will be revised to include information on the quantities of dosimeters and dosimeter chargers available and the number of persons (emergency workers) needing dosimetry.

RAI Calvert Cliffs – 048 C Dorchester County

Basis: NUREG-0654 Evaluation Criterion K.5.a

The Dorchester County RERP, Attachment 3, Accident Assessment (Field Monitoring), Tab C, Radiological Equipment Listing indicates that radiological equipment includes one portal monitor but does not provide the information (i.e. make and model) to verify that equipment can meet the requirements in FFEMA-REP-21, Contamination Monitoring Standard For A Portal Monitor Used For Radiological Emergency Response. Provide information about the type and capabilities of the portal monitors to be used for monitoring emergency worker, including the sensitivity..

Response:

The make, model, and technical specifications of the portal monitor(s) will be provided to FEMA Region III on 9/30/2009.

Proposed Plan Change:

No plan changes to the Dorchester County plan are anticipated.

RAI Calvert Cliffs – 049 C Dorchester County

Basis: NUREG-0654 Evaluation Criterion K.5.b

The Dorchester County RERP, Attachment #4, Radiation Exposure Control Procedures, includes detailed procedures but does not include an inventory of supplies (soap, mild detergent, and other removal agents) to be provided for each decontamination center. No information is provided indicating the number of people trained and available to perform decontamination in the event of an emergency. Provide SOPs or other documentation of this information.

Response:

Information detailing the inventory of supplies and numbers of trained decontamination workers will be included in the next revision of Attachment #4, Radiation Exposure Control, to be completed by 09/30/2009.

Proposed Plan Change:

Detailed information listing an inventory of supplies (soap, mild detergent, and other removal agents) to be provided for each decontamination center and the number of people trained and available to perform decontamination will be added to Attachment 4-3, Radiological Personnel Decontamination Procedures.

RAI Calvert Cliffs – 050 C.1 Dorchester County

Basis: NUREG-0654 Evaluation Criterion L.1

The Dorchester County RERP, Attachment #16, Dorchester General Hospital SOP, names 3 hospitals capable of treating radioactively contaminated patients, but does not include information describing individual medical facility capabilities, including the number of radiologically trained medical personnel and support staff, hospital and support service operations for treating contaminated or exposed individuals, and did not address dosimetry procedures, including recordkeeping and final receipt for processing were not provided for these facilities. Provide information describing individual medical facility capabilities in Calvert County.

Response:

Information describing the radiological capabilities and resources of the medical facilities will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Attachment #16, Dorchester General Hospital SOP will be modified to include individual medical facility capabilities, including the number of radiologically trained medical personnel and support staff, hospital and support service operations for treating contaminated or exposed individuals, as well as dosimetry procedures, including record keeping and final receipt for processing.

RAI Calvert Cliffs – 050 C.2 Dorchester County

The Dorchester County RERP does not contain required information regarding outside radiological support and available technical staff not employed by the respective hospitals/medical facilities. Provide information regarding radiological support and available technical staff outside Dorchester County.

Response:

Information regarding radiological support and available technical staff outside Dorchester County will be incorporated in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The RERP will be revised to identify outside radiological support and available technical staff that is not employed by the respective hospitals/medical facilities.

RAI Calvert Cliffs – 052 C Dorchester County

The Dorchester County RERP does not contain documentation applicable to additional EMS resources for transporting contaminated injured persons. Provide information on additional EMS resources and the applicable mutual aid agreements.

Response:

Documentation applicable to additional EMS resources will be included in the next revision of the plan to be completed by 09/30/2009. Mutual aid agreements will be provided to FEMA Region III on 9/30/2009.

Proposed Plan Change:

The REP will be revised to include additional EMS resources needed to assist with the transport of contaminated injured persons.

RAI Calvert Cliffs – 056 B.1 Dorchester County

Basis: NUREG-0654 Evaluation Criterion N.1.a

The Dorchester County RERP, Section 5.3, Exercises, states that exercises will be developed and conducted, but does not specifically state that these exercises will simulate emergencies that will result in offsite radiological releases requiring a response by offsite authorities. Provide this language in the plan.

Response:

Section 5.3 Exercises, states at least once every two years, Dorchester Emergency Management in conjunction with the MEMA and CCNPP will prepare and conduct an emergency response exercise of the REP. Section 6.3 Exercises, in the Maryland EOP, Annex Q, REP states that at least once every two years, MEMA will coordinate the preparation and conduct an emergency response exercise of the REP. The exercise shall simulate an emergency which results in off-site radiological releases which would require the response of off-site authorities.

Proposed Plan Change:

No changes to Dorchester County REP are proposed.

RAI Calvert Cliffs – 056 B.2 Dorchester County

The Dorchester County RERP also does not state that these exercises will be conducted as set forth in NRC and FEMA rules. Provide this language in the plan.

Response:

Language indicating that that these exercises will be conducted as set forth in NRC and FEMA rules will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 5.3, Exercises, will be revised to state that exercise will be conducted in accordance with applicable State and federal requirements.

RAI Calvert Cliffs – 057 C.1 Dorchester County

Basis: NUREG-0654 Evaluation Criterion N.1.b

The Dorchester County RERP, Section 5.3, Exercises, does not indicate that scenarios should be varied from exercise to exercise, such that the major elements of the plans and preparedness organizations are tested within a six-year period. Provide this language in the plan.

Response:

A sentence indicating that scenarios should be varied from exercise to exercise, such that the major elements of the plans and preparedness organizations are tested within a six-year period will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 5.3, Exercises, will be revised to include a statement indicating that scenarios should be varied from exercise to exercise, such that the major elements of the plans and preparedness organizations are tested within a six-year period.

RAI Calvert Cliffs – 057 C.2 Dorchester County

The Dorchester County RERP does not include provisions to start an exercise between 6:00 p.m. and 4:00 a.m. within a six-year period. Include this provision in the plan.

Response:

This requirement for after hours exercises has been removed.

Proposed Plan Change:

The Plan will be revised to state that exercise will be conducted in accordance with applicable State and federal requirements.

RAI Calvert Cliffs – 057 C.3 Dorchester County

The Dorchester County RERP does not include provisions for exercising in different seasons of the year and under various weather conditions. Include this provision in the plan.

Response:

Provisions for exercising in different seasons of the year and under various weather conditions will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 5.3, Exercises, will be revised to include provisions for exercising in different seasons of the year and under various weather conditions.

RAI Calvert Cliffs – 057 C.4 Dorchester County

The Dorchester County RERP does not indicate that at least one exercise over a period of six years should be unannounced. Include this provision in the plan.

Response:

The requirement for an unannounced has been removed.

Proposed Plan Change:

Section 5.3, Exercises, will be revised to state that exercise will be conducted in accordance with applicable State and federal requirements.

RAI Calvert Cliffs – 058 C.1 Dorchester County

Basis: NUREG-0654 Evaluation Criterion N.2.a

The Dorchester County RERP, Section 5.2.1, Communication Drills, does not reference the annual test of communications between the Calvert Cliffs Nuclear Power Plant, the State of Maryland; the Calvert County, Dorchester County, and St. Mary's County Emergency Operation Centers, and field assessment teams. Provide a information indicating that Dorchester County participates in this annual test of communications in the plan.

Response:

The annual test of communications between the CCNP, the State and the County EOCs, and field assessment teams will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 5.2.1, Communication Drills, will be revised to include the annual test of communications between the CCNP, the State and the County EOCs, and field assessment teams.

RAI Calvert Cliffs – 058 C.2 Dorchester County

The Dorchester County RERP also does not adequately address the requirement that the content of messages shall be understood during those communications drills. Include this provision in the plan.

Response:

A statement addressing the requirement that all communications drills shall include understanding the content of messages will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 5.2.1, Communication Drills, will be revised to include the requirement that all communications drills shall include understanding the content of messages.

RAI Calvert Cliffs – 059 B.1 Dorchester County

Basis: NUREG-0654 Evaluation Criterion N.2.c

The Dorchester County RERP and SOPs, Section 5.2.2, Medical Emergency Drills, indicates that the county emergency medical services will participate with the Dorchester General Hospital during biennial medical emergency drills, but does not indicate that the drill will involve a simulated contaminated individual. Include this provision in the plan.

Response:

A simulated contaminated and injured individual will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 5.2.2, Medical Emergency Drills, will be revised to include a simulated contaminated and injured individual.

RAI Calvert Cliffs – 059 B.2 Dorchester County

The Dorchester County RERP and SOPs, Section 5.2.2, Medical Emergency Drills, does not indicate if additional agencies such as ambulance services will be involved in annual medical drills, and if so,

which agencies. Provide this information.

Response:

The ambulance services that may be involved in annual medical drills will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 5.2.2, Medical Emergency Drills, will be revised to include the ambulance services that may be involved in annual medical drills.

RAI Calvert Cliffs – 060 C.1 Dorchester County

Basis: NUREG-0654 Evaluation Criterion N.2.d

The Dorchester County RERP, Section 5.3.2, Radiological Monitoring Drills, does not include provisions for radiological monitoring drills related to the plume exposure pathway or ingestion exposure pathway emergency planning zones to be conducted at least annually. Include this provision in the plan.

Response:

Annual radiological monitoring drills related to the plume exposure pathway or ingestion exposure pathway emergency planning zones will be added in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 5.3.2, Radiological Monitoring Drills, will be modified to include annual radiological monitoring drills related to the plume exposure pathway or ingestion exposure pathway emergency planning zones.

RAI Calvert Cliffs – 060 C.2 Dorchester County

The Dorchester County RERP, Section 5.3.2, Radiological Monitoring Drills, also does not indicate that communications and record keeping will be a part of the annual radiological monitoring drills. Include this provision in the plan.

Response:

Provisions for communications and record keeping will be added in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 5.3.2, Radiological Monitoring Drills, will be modified to ensure communications and record keeping are included in annual radiological monitoring drills.

RAI Calvert Cliffs – 061 B.1 Dorchester County

Basis: NUREG-0654 Evaluation Criterion N.3.a

The Dorchester County RERP, Section 5.1, Scenarios, does not include provisions for each organization to describe how exercises and drills are to be carried out to allow free play for decision making. Provide a description of how exercises and drills are to be carried out to allow free play for decision making.

Response:

Provisions for each organization to describe how exercises and drills are to be carried out to allow free play for decision making will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 5.1, Scenarios, will be revised to include provisions for each organization to describe how exercises and drills are to be carried out to allow free play for decision making.

RAI Calvert Cliffs – 061 B.2 Dorchester County

The Dorchester County RERP, Section 5.1, Scenarios, also does not indicate that the following information must be included in the development of exercise scenarios: basic objectives; appropriate evaluation criteria. Provide information indicating will the above information will be included any development of exercise scenarios by Dorchester County.

Response:

Basic objectives and appropriate evaluation criteria will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 5.1, Scenarios, will be revised to include basic objectives and appropriate evaluation criteria.

RAI Calvert Cliffs – 062 B Dorchester County

Basis: NUREG-0654 Evaluation Criterion N.3.b

The Dorchester County RERP, Section 5.1, Scenarios, also does not indicate that the following information must be included in the development of exercise scenarios: the date(s), time period, place(s), and participating organizations. Provide information indicating will the above information will be included any development of exercise scenarios by Dorchester County.

Response:

The date(s), time period, place(s), and participating organizations will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 5.1, Scenarios, will be revised to include the date(s), time period, place(s), and participating organizations.

RAI Calvert Cliffs – 063 E (B) Dorchester County

Basis: NUREG-0654 Evaluation Criterion N.3.c

The Dorchester County RERP, Section 5.1, Scenarios, also does not indicate that the following information must be included in the development of exercise scenarios: the simulated events. Provide information indicating will the above information will be included any development of exercise scenarios by Dorchester County.

Response:

Simulated events will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 5.1, Scenarios, will be revised to include simulated events.

RAI Calvert Cliffs – 064 B Dorchester County

Basis: NUREG-0654 Evaluation Criterion N.3.d

The Dorchester County RERP, Section 5.1, Scenarios, also does not indicate that the following information must be included in the development of exercise scenarios: a time schedule of real and simulated initiating events. Provide information indicating will the above information will be included any development of exercise scenarios by Dorchester County.

Response:

A time schedule of real and simulated initiating events will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 3.1, Scenarios, will be revised to include a time schedule of real and simulated initiating events.

RAI Calvert Cliffs – 065 B Dorchester County

Basis: NUREG-0654 Evaluation Criterion N.3.e

The Dorchester County RERP, Section 5.1, Scenarios, also does not indicate that the following information must be included in the development of exercise scenarios: a narrative summary describing the conduct of the exercises or drills to include such things as simulated casualties, offsite fire department assistance, rescue of personnel, use of protective clothing, deployment of radiological monitoring teams, and public information activities. Provide information indicating will the above information will be included any development of exercise scenarios by Dorchester County.

Response:

A narrative summary will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 5.1, Scenarios, will be revised to include a narrative summary.

RAI Calvert Cliffs – 066 B Dorchester County

Basis: NUREG-0654 Evaluation Criterion N.3.f

The Dorchester County RERP, Section 5.1, Scenarios, does not include a statement regarding the description of the arrangements for and advance materials to be provided to official observers. Provide a description of the arrangements for and advance materials to be provided to official observers.

Response:

Advance materials to be provided to official observers will be added in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 5.1, Scenarios, will be revised to include advance drill and exercise materials be provided to official observers.

RAI Calvert Cliffs – 067 B Dorchester County

Basis: NUREG-0654 Evaluation Criterion N.4

The Dorchester County RERP, Section 5.5, Critique, does not provide for a critique to evaluate the ability of organizations to respond as called for in the plan as soon as practical after the exercise. Include this provision in the plan.

Response:

A critique conducted as soon as practical following the exercise will be added in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

A critique conducted as soon as practical following the exercise will be included in Section 5.5, Critique.

RAI Calvert Cliffs – 068 C.1 Dorchester County

Basis: NUREG-0654 Evaluation Criterion N.5

The Dorchester County RERP provides no information on how organizations would establish a means for evaluating observer and participant comments for areas needing improvement, including emergency plan procedural changes, and responsibility for implementing corrective actions. Include this information in the plan.

Response:

Information regarding the establishment of a means for evaluating observer and participant comments on areas needing improvement, procedural changes and implementing corrective actions will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Revise the REP to include information regarding the establishment of a means for evaluating observer and participant comments on areas needing improvement, procedural changes and implementing corrective actions.

RAI Calvert Cliffs – 068 C.2 Dorchester County

The Dorchester County RERP did not establish how each organization will ensure that corrective actions are implemented. Include this information in the plan.

Response:

A means to ensure that corrective actions are implemented will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include a means to ensure corrective actions are implemented.

RAI Calvert Cliffs – 069 B Dorchester County

Basis: NUREG-0654 Evaluation Criterion O.1.b

The Dorchester County RERP does not address provisions to offer training to other departments who are members of their mutual aid district. Include this information in the plan.

Response:

Training offered to members of the mutual aid districts will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

The plan will be revised to include training members of mutual aid districts.

RAI Calvert Cliffs – 076 C Dorchester County

Basis: NUREG-0654 Evaluation Criterion P.5

The Dorchester County RERP, Section 5.6, Plan Maintenance, states that formal changes and revised pages will be dated and marked to show where changes have been made. The plan has revised pages dated but not marked to show where changes have been made. Provide information on how such plans are marked to show where changes have been made.

Response:

Information on how plans are marked to show where changes have been made will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Section 5.6, Plan Maintenance, will be revised to show how plans are marked to identify where changes have been made.

RAI Calvert Cliffs – 078 C Dorchester County

Basis: NUREG-0654 Evaluation Criterion P.8

The NUREG Cross-Reference is missing from Dorchester County RERP. Provide a NUREG Cross-Reference for the Dorchester County RERP.

Response:

The NUREG 0654 Cross-Reference table is provided in Attachment 1, NUREG 0654 Cross Reference, and will be included in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

NUREG 0654 Cross-Reference table will be included in the next revision of the Dorchester County REP.

RAI Calvert Cliffs – 079 C Dorchester County

Basis: NUREG-0654 Evaluation Criterion P.10

The Dorchester County RERP Section 5.6, Plan Maintenance, indicates that telephone numbers and staff assignments will be updated quarterly, but does not include maps in the quarterly update as required by FEMA PR-1, Policy on 0654/FEMA-REP-1 and 44 CFR 350 Requirements. Include this provision in the plan.

Response:

Maps to be included in the quarterly update will be identified in the next revision of the plan to be completed by 09/30/2009.

Proposed Plan Change:

Maps to be included in the quarterly update will be identified in Section 5.6, Plan Maintenance, of the plan.

Attachment 1

NUREG O654 Cross References

State of Maryland

Calvert County

St. Mary's County

Dorchester County

State of Maryland REP / Annex Q

NUREG-0654 Eval Criterion	State of Maryland REP / Annex Q
A.1.a	§ 2.3.1 § 2.3.2 § 3.5 § 4.1 § 4.2 § 4.3 § 4.4 § 4.5
A.1.b	§ 5.1 § 5.2 § 5.4 Tbl 5-2
A.1.c	Figs 5-1 thru 5-6
A.1.d	Tbl 5-2 Tbl 5-3 Tbl 5-4
A.1.e	§ 5.3 Tbl 5-1
A.2.a	§ 5.4 Tbl 5-2 Tbl 5-3
A.2.b	Page ix
A.3	§ 4.5 Attachment 9-3
A.4	§ 5.2.1 § 5.2.2 Fig 5-1
B.1	
B.2	
B.3	
B.4	
B.5	
B.6	
B.7	
B.7.a	

NUREG-0654 Eval. Criterion	State of Maryland REP / Annex Q
B.7.b	
B.7.c	
B.7.d	
B.8	
B.9	
C.1.a	Tbl 5-2 Tbl 5-3 Tbl 5-4
C.1.b	§ 4.4
C.1.c	§ 5.2 § 5.3 Attachment 9-6 Attachment 9-7 Attachment 9-8
C.2.a	§ 5.2.4
C.2.b	
C.3	§ 5.2.4.1 Tbl 5-2 Tbl 5-3
C.4.	§ 4.1 § 4.3 § 4.4 § 4.5 § 5.4.2 Tbl 5-2 Tbl 5-3 Figs 5-1 thru 5-6
D.1	
D.2	
D.3	§ 3.6
D.4	§ 5.4.1 Fig 5-1 Fig 5-3
E.1	§ 3.1.2 § 5.4.2.2
E.2	§ 5.4 Attachment 9-4, Attachment 3 Attachment 9-4.2

NUREG-0654 Eval. Criterion	State of Maryland REP / Annex Q
E.3	
E.4	
E.4.a	
E.4.b	
E.4.c	
E.4.d	
E.4.e	
E.4.f	
E.4.g	
E.4.h	
E.4.i	
E.4.j	
E.4.k	
E.4.l	
E.4.m	
E.4.n	
E.5	§ 3.1.6.2 § 3.1.6.3 § 5.2.5
E.6	§ 3.1.6 § 6.4.2
F.1.a	§ 5.2 § 5.3 § 5.4.1.3 § 5.4.1.4 § 5.4.2.4 § 5.4.2.5 § 5.4.2.6 Tbl 5-1
F.1.b	§ 5.2 § 5.3 § 5.4.2 Tbl 5-1 Figs 5-1 thru 5-4 Fig 5-6

NUREG-0654 Eval. Criterion	State of Maryland REP / Annex Q
F.1.c	§ 5.2 § 5.3 § 5.4.2 Tbl 5-1
F.1.d	§ 5.4.2.2
F.1.e	§ 7.1.1.2, 7.1.2.2 thru 7.1.5.2 § 7.1.7.2 § 7.1.10.2, 7.1.11.2 thru 7.1.15.2
F.1.f	
F.2	§ 2.3.1.3.2 § 2.3.2.3.6 § 6.2.2 Tbl 2-1 Tbl 2-2
F.3	§ 6.2.1
G.1	§ 6.4.2
G.2	TBD
G.3.a	§ 3.1.6
G.3.b	
G.4.a	§ 3.1.6.1 § 3.1.6.2 § 3.1.6.3
G.4.b	§ 5.4.2.6
G.4.c	TBD
G.5	§ 6.4.2
H.1	
H.2	
H.3	§ 5.2.1 § 5.2.2 § 5.2.3 § 5.2.5
H.4	Section 7.0
H.5	
H.5.a	
H.5.b	

NUREG-0654 Eval. Criterion	State of Maryland REP / Annex Q
H.5.c	
H.5.d	
H.6.a	
H.6.b	
H.6.c	
H.7	§ 5.4.2.1 § 7.1.4.1 Tbl 5-3
H.8	
H.9	
H.10	TBD
H.11	Attachment 9-2
H.12	§ 7.1.3.1
I.1	
I.2	
I.3.a	
I.3.b	
I.4	
I.5	
I.6	
I.7	§ 7.1.4.1 § 7.2.1.1 Tbl 5-3
I.8	TBD
I.9	TBD
I.10	TBD
I.11	§ 4.4 § 5.4.2.1
J.1.a	
J.1.b	

NUREG-0654 Eval. Criterion	State of Maryland REP / Annex Q
J.1.c	
J.1.d	
J.2	§ 7.1.2.4 Fig 2-1
J.3	
J.4	
J.5	
J.6.a	
J.6.b	
J.6.c	
J.7	
J.8	
J.9	§ 3.3.3.1 Tbl 3-2
J.10	TBD
J.11	TBD
J.12	TBD
K.1.a	
K.1.b	
K.1.c	
K.1.d	
K.1.e	
K.1.f	
K.1.g	
K.2	
K.3.a	TBD
K.3.b	TBD
K.4	Tbl 5-2 Tbl 5-3

NUREG-0654 Eval. Criterion	State of Maryland REP / Annex Q
K.5.a	Tbl 5-2 Tbl 5-3
K.5.b	Tbl 5-2 Tbl 5-3
K.6.a	
K.6.b	
K.6.c	
K.7	
L.1	§ 6.2.2
L.2	
L.3	TBD
L.4	MEMA Admin SOP
M.1	§ 7.1
M.2	
M.3	§ 5.4.2.3
M.4	Tbl 6-1 Tbl 5-2 Tbl 5-3
N.1.a	§ 6.1 § 6.3
N.1.b	§ 6.3
N.2.a	§ 6.2.1
N.2.b	
N.2.c	§ 6.2.2
N.2.d	§ 6.2.3
N.2.e	§ 6.2.3
N.3	§ 6.1
N.4	§ 6.5
N.5	§ 6.5
O.1	§ 6.4.1

NUREG-0654 Eval. Criterion	State of Maryland REP / Annex Q
O.1.a	
O.1.b	§ 6.4.1
O.2	
O.3	
O.4.a	§ 6.4.1
O.4.b	TBD
O.4.c	TBD
O.4.d	TBD
O.4.e	
O.4.f	TBD
O.4.g	
O.4.h	TBD
O.4.i	
O.4.j	TBD
O.5	§ 6.4.1
P.1	§ 6.4.1
P.2	§ 6.6 Tbl 6-1
P.3	§ 6.6 Tbl 5-1 Tbl 5-2 Tbl 5-3
P.4	TBD
P.5	TBD
P.6	§ 2.2.2 § 2.2.3 § 7.0
P.7	§ 2.2.2 § 2.2.3 § 7.0 Attachment 9-1
P.8	

NUREG-0654 Eval. Criterion	State of Maryland REP / Annex Q
P.9	
P.10	§ 6.6 Tbl 5-2 Tbl 5-3 Tbl 6-1

REP – Radiological Emergency Plan

NUREG-0654 Eval. Criterion	Calvert County	St Mary's County	Dorchester County
A.1.a	REP § 1.5.2 REP Table 1-2 REP Table 1-3	REP § 1.5.2 REP Table 1-2 REP Table 1-3	REP § 3.5.2 REP Table 1-2 REP Table 1-3
A.1.b	REP § 1.0	REP § 1.0	REP § 3.0
A.1.c	Attachment 2, Tab A & Tab B	Fan out charts pg 47-51	Fan out charts pg 53 - 57
A.1.d	REP § 1.1 Attachment 2 § 2.1	REP § 1.1 Attachment 2 § 2.1	REP § 3.1 Attachment 2 § 2.1
A.1.e	REP § 1.4 REP § 4.2.2 REP § 4.3.2	REP § 1.4 REP § 4.2.2 REP § 4.3.2	REP § 3.4 REP § 6.2.2 REP § 6.3.2
A.2.a	REP § 4.1-4.12 Table 1-2	REP § 4.1-4.13 Table 1-2	REP § 6.1-6.15 Table 1-2
A.2.b	See Maryland REP, Annex Q	See Maryland REP, Annex Q	See Maryland REP, Annex Q
A.3	REP § 1.2	REP § 1.2	REP § 3.2 REPSOP § 6.b
A.4	REP § 1.3.1 REP § 1.5.2.3 REP § 4.2.3 Attachment 2 § 2.1 REPSOP § 6.1	REP § 1.3.1 REP § 1.5.2.3 REP § 4.2.3 Attachment 2 § 2.1 REPSOP § 6.a	REP § 3.3.1 REP § 3.5.2.3 REP § 6.2.3 Attachment 2 § 2.1 REPSOP § 6.a
B.1			
B.2			
B.3			
B.4			
B.5			

NUREG-0654 Eval. Criterion	Calvert County	St Mary's County	Dorchester County
B.6			
B.7			
B.7.a			
B.7.b			
B.7.c			
B.7.d			
B.8			
B.9			
C.1.a			
C.1.b			
C.1.c	REPSOP § 7.4 REP § 6.6	REP § 2.0 REPSOP § 6.f REPSOP § 7.d	REPSOP § 6.f REPSOP § 7.d
C.2.a	REPSOP § 8.5	REPSOP § 7.c	REPSOP § 7.c
C.2.b			
C.3			
C.4	REP § 5.0	REP § 5.0	REP § 7.0 Attachment 7 § 5.3.3
D.1			
D.2			
D.3	REP § 1.5	REP § 1.5	REP § 3.5
D.4	REP § 1.5	REP § 1.5	REP § 3.5
E.1	REP § 1.5 Attachment 1 § 3.0, 4.0	REP § 1.5 Attachment 1 § 3.0, 4.0	REP § 3.5 Attachment 1 § 3.0, 4.0

NUREG-0654 Eval. Criterion	Calvert County	St Mary's County	Dorchester County
	Attachment 6 § 3.0, 4.0	Attachment 6 § 3.0, 4.0	Attachment 6 § 3.0, 4.0
E.2	REP § 1.5 REPSOP § 4.3.2	REP § 1.5 REPSOP § 4.0, c (2) Attachment 2, Tab B	REP § 3.5 REPSOP § 4.0, c (2) Attachment 2, Tab D
E.3			
E.4			
E.4.a			
E.4.b			
E.4.c			
E.4.d			
E.4.e			
E.4.f			
E.4.g			
E.4.h			
E.4.i			
E.4.j			
E.4.k			
E.4.l			
E.4.m			
E.4.n			
E.5	Attachment 2 § 4.2.3 Attachment 5 § 3.0	Attachment 2 § 4.2.3 Attachment 4 § 3.0	Attachment 2 § 4.2.3 Attachment 5 § 3.0

NUREG-0654 Eval. Criterion	Calvert County	St Mary's County	Dorchester County
E.6	REP § 1.5.1.2 #3 REP § 1.5.2.4, Attachment 6, § 3.2 3, 3.3.1, 6.1.1, 6.2.2, 6.2.3, & Tab A Attachment 5 § 3.8	REP § 1.5.1.2 #3 REP § 1.5.2.4, Attachment 2 § 6.1.4 Attachment 4 § 3.9	REP § 3.5.1.2 #3 REP § 3.5.1.2 Attachment 5 § 3.2 Attachment 2 § 4.1.4
E.7	Attachment 5, § 3.5, 3.6 & Tab A	Attachment 4, Tab A	Attachment 5 Tab B-1 – B-11
F.1.a	REP § 1.4 REP § 4.2.2 REP § 4.3.2	REP § 1.4 REP § 4.2.2 REP § 4.3.2	REP § 3.4 REP § 6.2.2 REP § 6.3.2
F.1.b	Attachment 2 § 4.2.3 REP Table 1.1	Attachment 2 § 4.2.3 REP Table 1.1	Attachment 2 § 4.2.3 REP Table 1.1
F.1.c	REPSOP § 7.4	REPSOP § 7.d	REPSOP § 7.d
F.1.d	REP § 4.2.2 REP Table 1.1 Attachment 3 § 5.0	REP § 4.2.2 REP Table 1.1 Attachment 3 § 5.0	REP § 6.2.2 REP Table 1.1 Attachment 3 § 6.1
F.1.e	REP § 1.5.1.2, 1 REP § 1.5.2.2 REP § 4.2.2	REP § 1.5.1.2. 1 REP § 1.5.2.2	REP § 3.5.1.2, 1 REP § 3.5.2.2.
F.1.f			
F.2	REP § 1.4 REP § 4.10	REP § 1.4 REP § 4.10	REP § 3.4 REP § 6.9.2
F.3	REP § 3.2.1	REP § 3.2.1	REP § .2.1
G.1	REP § 2.0	REP § 2.0	RP § 4.0
G.2	Attachment 5, Tab A <i>Emergency Alert System Message</i>	Attachment 4, Tab A <i>Emergency Alert System Message</i>	Attachment 5, <i>Emergency Alert System message</i>
G.3.a	REP § 1.3.2	REP § 1.3.2	REP § 3.3.2
G.3.b			

NUREG-0654 Eval. Criterion	Calvert County	St Mary's County	Dorchester County
G.4.a	REPSOP § 8.6	REPSOP § 8.d	REPSOP § 8.e
G.4.b	REP § 1.3.2 REP § 1.5.2.6	REP § 1.3.2 REP § 1.5.2.6	REP § 3.3.2 REP § 3.5.2.6
G.4.c	REPSOP § 10.0 Attachment 2 § 4.2.5	REPSOP § 10.0 Attachment 2 § 4.2.5	REPSOP § 10.0 Attachment 2 § 4.2.5
G.5	TBD	TBD	TBD
H.1			
H.2			
H.3	REP § 1.3.1	REP § 1.3.1	REP § 3.3.1
H.4	REP § 1.5.2.3 REP § 4.2.2 REP § 4.3.2	REP § 1.5.2.3 REP § 4.2.2 REP § 4.3.2	REP § 3.5.2.3 REP § 6.2.2 REP § 6.3.2
H.5			
H.5.a			
H.5.b			
H.5.c			
H.5.d			
H.6.a			
H.6.b			
H.6.c			
H.7	Attachment 3 § 3.3	Attachment 3 § 3.5	Attachment 3 § 3.3
H.8			
H.9			

NUREG-0654 Eval. Criterion	Calvert County	St Mary's County	Dorchester County
H.10	REP § 3.7	REP § 3.7	REP § 5.7
H.11	Attachment 3 § 3.3-3.6 Attachment 3, Tab C Attachment 3, Tab D § 3.2-3.3	Attachment 3 § 4 Attachment 3, Tab C Attachment 3, Tab D § 2.-4.	Attachment 3 § 3.3-3.6 Attachment 3, Tab C Attachment 3, Tab D
H.12	REP § 1.3.3	REP § 1.3.3	REP § 3.3.3
I.1			
I.2			
I.3.a			
I.3.b			
I.4			
I.5			
I.6			
I.7	Attachment 3	Attachment 3	Attachment 3
I.8	Attachment 3	Attachment 3	Attachment 3
I.9			
I.10			
I.11			
J.1.a			
J.1.b			
J.1.c			
J.1.d			

NUREG-0654 Eval. Criterion	Calvert County	St Mary's County	Dorchester County
J.2	TBD	TBD	TBD
J.3			
J.4			
J.5			
J.6.a			
J.6.b			
J.6.c			
J.7			
J.8			
J.9	REP § 1.5.2.4	REP § 1.5.2.4	REP § 3.5.2.4
J.10.a	Attachment 3, Tab B Attachment 5, Tab B	Attachment 3, Tab A&B Attachment 4, Tab B	Attachment 3 Tab G Attachment 5 Tab C
J.10.b	TBD	TBD	TBD
J.10.c	REP § 1.5.2.4, Attachment 2 § 3.2.4	REP § 1.5.2.4, Attachment 2 § 3.2.4	REP § 3.5.2.4, Attachment 2 § 3.2.4
J.10.d	REP § 2.0 Attachment 7 § 5.1.2 Attachment 13 Tab B Attachment 7 § 5.1.2	REP § 2.0 Attachment 8 § 5.1.2 & Tab E	Attachment 9 § 5.1.2, 5.1.4 & Tab E
J.10.e	REP § 1.5.2.4 REP § 1.5.2.5 REPSOP § 4.4.4 Attachment 2 § 3.4.14 Attachment 4-5 § 1.1	REP § 1.5.2.4 REP § 1.5.2.5 REPSOP § 4.2, c.(4) Attachment 2 § 3.4.13	REP § 3.5.2.4 REP § 3.5.2.5 REPSOP § 4.c.(4) Attachment 2 § 3.4.13 Attachment 4-5 § 1.1
J.10.f	REP § 1.5.2.4 Attachment 4 § 3.1	REP § 1.5.2.4 Attachment 7 § 6.1	REP § 3.5.2.4 Attachment 4-5 § 3.1

NUREG-0654 Eval. Criterion	Calvert County	St Mary's County	Dorchester County
J.10.g	REP § 1.5.2.4 REP § 1.5.2.5 Attachment 6 § 6.2.5 Attachment 9 § 5.1 & Tab 9	REP § 1.5.2.4 REP § 1.5.2.5 Attachment 8 § 5.1	REP 3.5.2.4
J.10.h	Attachment 9 Tab G	Attachment 8, Tab A, Attachment 1	Attachment 9, Tab E
J.10.i	TBD	TBD	TBD
J.10.j	REP § 1.5.2.4, REP § 4.2.4, Table 1-2 Attachment 6, § 1.1.3 Attachment 14, § 1.0, Tab A Attachment 15 § 6.4	REP § 1.5.2.4, REP § 4.2.4, Attachment 14 § 6.2.1	REP § 3.5.2.4, REP § 6.3.4 Attachment 6 Attachment 10 § 5.0 Attachment 12 § 5.4 Attachment 14 Attachment 15 § 6.1.2
J.10.k	REP § 1.5.2.4, Attachment 2 § 6.3.3 Attachment 10 § 2.3	REP § 1.5.2.4, Attachment 2 § 6.3.3 Attachment 9 § 5.2	REP § 3.5.2.4, Attachment 2 § 6.3.3 Attachment 10 § 5.1
J.10.l	TBD	TBD	Attachment 2 Tab E
J.10.m			
J.11			
J.12	REP § 1.5.2.5 Attachment 13 § 5.1 Attachment 4-2	Attachment 10 § 5.1.5 Attachment 7 C-2	Attachment 11 § 5.1.5 Attachment 4-2
K.1.a			
K.1.b			
K.1.c			

NUREG-0654 Eval. Criterion	Calvert County	St Mary's County	Dorchester County
K.1.d			
K.1.e			
K.1.f			
K.1.g			
K.2			
K.3.a	Attachment 4 § 3.6	Attachment 7 § 3.6	Attachment 4-1 § 3.6
K.3.b	Attachment 4 § 3.6.5, 3.7, Tab A	Attachment 7, Tab C-1 § 1.6.6	Attachment 4-1 § 3.6.5, Tab A
K.4	Attachment 4 § 3.0	Attachment 7, Tab C § 3.0	Attachment 4-1 § 3.0
K.5.a	Attachment 4-2 § 3.3.6	Attachment 7 Tab C-2	Attachment 4-2 § 3.1.12 (i)
K.5.b	REP § 1.5.2.5, Attachment 4-3 Attachment 4-4	REP § 1.5.2.5, Attachment 7 Tab C-2	REP § 3.5.2.5, Attachment 4-2 Attachment 4-4
K.6.a			
K.6.b			
K.6.c			
K.7			
L.1	REP § 4.9.5, Attachment 16 § 6.2 REP Table 1-2	REP § 1.5.2.5 REP § 3.2.2 REP Table 1-2	REP § 6.9.5 REP Table 1-2 Attachment 7 § 6.1.3
L.2			
L.3			
L.4	Attachment 7 § Tab A	Attachment 7 C-3 § 2.2	Attachment 7 § 6.0
M.1	REP § 1.5.2.5	REP § 1.5.2.5	REP § 3.5.2.5

NUREG-0654 Eval. Criterion	Calvert County	St Mary's County	Dorchester County
M.2			
M.3			
M.4			
N.1.a	REP § 3.3	REP § 3.3	REP § 5.3
N.1.b	REP § 3.5	REP § 3.5	REP § 5.5
N.2.a	REP § 3.2.1	REP § 3.2.1	REP § 5.2.1
N.2.b			
N.2.c	REP § 3.2.2	REP § 3.2.2	REP § 5.2.1
N.2.d	REP § 3.3.3	REP § 3.3.3	REP § 5.2.1
N.2.e(1)			
N.2.e(2)			
N.3.a	TBD	TBD	TBD
N.3.b	TBD	TBD	TBD
N.3.c	TBD	TBD	TBD
N.3.d	TBD	TBD	TBD
N.3.e	TBD	TBD	TBD
N.3.f	TBD	TBD	TBD
N.4	TBD	TBD	TBD
N.5	TBD	TBD	TBD
O.1	REP § 3.4 REP § 3.8	REP § 3.4 REP § 3.8	REP § 5.4

NUREG-0654 Eval. Criterion	Calvert County	St Mary's County	Dorchester County
O.1.a			
O.1.b	Attachment 2 § 9.0 Attachment 13 § 8.0	Attachment 2 § 9.0 Attachment 12 § 8.0 Attachment 13 § 8.0	Attachment 2 § 9.0 Attachment 4-6 § III.A.2
O.2			
O.3			
O.4.a	Attachment 2 § 9.0	Attachment 2 § 9.0	REP § 5.4
O.4.b	Attachment 3 § 2.0 Attachment 8 § 9.0 Attachment 15 § 10.0 Attachment 17 § 10.0	Attachment 3 § 2.0 Attachment 15 § 10 Attachment 26 § 9.0	Attachment 3 § 2.0 Attachment 15 § 9.0 Attachment 17 § 10.0
O.4.c	Attachment 3 § 2.0 Attachment 8 § 9.0	Attachment 3 § 2.0 Attachment 7 § 10.0 Attachment 9 § 9.0	Attachment 8 § 9.0
O.4.d	Attachment 7 § 8.0 Attachment 6 § 9.0 Attachment 14 § 10.0	Attachment 5 § 9.0 Attachment 6 § 9.0 Attachment 14 § 10	Attachment 6 § 8.0 Attachment 12 § 9.0 Attachment 14
O.4.e			
O.4.f	Attachment 7 § 8.0	Attachment 6 § 9.0	Attachment 7 § 8.0
O.4.g	Attachment 9 § 8.0 Attachment 10 § 8.0 Attachment 11 § 8.0 Attachment 13 § 8.0	Attachment 8 § 9.0 Attachment 10 § 8.0 Attachment 11 § 8.0 Attachment 13 § 8.0	Attachment 9 § 8.0 Attachment 10 § 8.0 Attachment 11 § 8.0 Attachment 13 § 7.0
O.4.h	Attachment 7 § 8.0 Attachment 16 § 8.0	Attachment 12 § 8.0	Attachment 16 § 8.0 Attachment 18 § 8.0
O.4.i			
O.4.j	REP § 3.4.2 Attachment 9 § 8.0	REP § 3.4.2	REP § 5.4.2
O.5	REP § 3.4	REP § 3.4	REP § 5.4
P.1	REP § 3.4	REP § 3.4	REP § 5.4

NUREG-0654 Eval. Criterion	Calvert County	St Mary's County	Dorchester County
P.2	REP § 1.1 REP § 4.1.3	REP § 1.1 REP § 4.1.3	REP § 5.6
P.3	REP § 3.6	REP § 3.6	REP § 5.6 Table 1-4
P.4	REP § 12.0	REP § 11.0	REP § 5.6
P.5	REP § 3.6	REP § 3.6	REP § 5.6 Table 1-4
P.6	REPSOP § 1.0	REPSOP § 1.0	REPSOP § 1.0
P.7	REP § 4.0	REP § 4.0	REP § 6.0 Attachment Listing
P.8	TBD	TBD	Page 1
P.9			
P.10	REP § 12.0	REP § 11.0	REP § 5.6

Enclosure 4

Response to FEMA Request for Additional Information

Virginia Department of Emergency Management



COMMONWEALTH of VIRGINIA

Department of Emergency Management

MICHAEL M. CLINE
State Coordinator

JANET L. CLEMENTS
Chief Deputy Coordinator

BRETT A. BURDICK
Deputy Coordinator

January 27, 2009

10501 Trade Court
Richmond, Virginia 23236-3713
(804) 897-6500
(TDD) 674-2417
FAX (804) 897-6506
www.vaemergency.com

Mr. Michael Yox
Director-Licensing
Unistar Nuclear Energy-Regulatory Affairs
250 West Pratt Street
Baltimore, MD 21201

Dear Mr. Yox:

In a letter, dated December 10, 2008, subject: Federal Emergency Management Agency (FEMA) Final Request for Additional Information (RAI) of the Offsite Emergency Response Plans for the Combined License (COL) Application for the Calvert Cliffs Nuclear Power Plant (CCNPP), the Federal Emergency Management Agency (FEMA) Radiological Emergency Preparedness (REP) Branch Chief provided Unistar Nuclear Energy a list of RAIs related to the COL application. One RAI concerned a matter under the cognizance of the Commonwealth of Virginia for Ingestion Pathway actions for the CCNPP site. We have developed a response addressing this RAI and provided it in the attachment to this letter. It is understood that UniStar will forward this information to the FEMA REP Branch Chief from which FEMA will prepare a statement of reasonable assurance for the COL application.

Thank you for your continuing partnership in these efforts.

Sincerely,

A handwritten signature in cursive script, reading "Arthur Warren".

Arthur Warren
Manager, Radiological Emergency Preparedness

AW/mp

Attachment

RAI Calvert Cliffs – 006 B Commonwealth of Virginia

The Commonwealth of Virginia RERP, Vol. III does not include a description of laboratory capabilities. Provide a list of laboratories and their radiological analytical capabilities available to the Commonwealth of Virginia.

Response: Same response as was provided in RAI North Anna – 002 A.1 Commonwealth of Virginia, dated October 22, 2008.

The Commonwealth of Virginia Department of General Services Division of Consolidated Laboratory Services (DCLS), also known as Virginia Commonwealth Laboratories, provides analytical testing services. DCLS may be called on to respond to various health and environmental emergencies in Virginia. Its Bureau of Analytical Services performs analytical testing for state regulatory, environmental, and public health programs. Laboratories are located in Richmond and Abingdon, Virginia. Water, sediment, tissue, air, soil, and other samples may be analyzed for the presence of metals and/or radiation by its Metals/Radiochemistry Group.

The Virginia Department of Health (VDH), Office of Epidemiology, Radiological Health Program, Mobile Incident Command/Radiation Laboratory provides mobile radiological laboratory services Commonwealth of Virginia Department of Emergency Management North Anna Unit 3 Combined Operating License Responses to FEMA Requests for Additional Information October 22, 2008 Page 6 of 134

for a commercial nuclear power plant accident, analytical services for the environmental monitoring program, and serves as a Mobile Incident Command Vehicle. The Radiation Laboratory has detectors for gamma analysis and alpha/beta counting. Portable instrumentation includes Geiger-Müller survey meters with stick probes and pancake probes, alpha scintillation survey meters and probes, micro-R meters, radionuclide identifiers with neutron detection capability, survey meters with extendable probes, and air samplers with tripods and external battery supply.

VDH has two vehicles that are capable of providing mobile radiation laboratory services and provide support to the state field monitoring teams. The laboratory services are limited to analysis of environmental samples. One vehicle designated as the Field Lab can support the plume phase of nuclear power plant release. The other vehicle is the Mobile Incident Command Laboratory and has equipment with detection limits adequate to respond to both plume and ingestion pathway phases of a nuclear power plant radiation release.

Proposed Plan Change:

No changes to the COVRERP are proposed.