

Rikhoff, Jeffrey

From: Eccleston, Charles
Sent: Tuesday, February 23, 2010 7:00 PM
To: Eccleston, Charles; Bacuta, George; Beissel, Dennis; Bulavinetz, Richard; Imboden, Andy; Klementowicz, Stephen; Logan, Dennis; Rikhoff, Jeffrey; Travers, Allison
Subject: Correct Version of Site Audit Plan and Schedule
Attachments: Schedule 2.xlsx; Salem Hope Creek Audit Plan (2).xlsx

Please disregard the attached schedule/plan in the last email (they were an older version). Attached is the correct version of the Plan/Schedule.

From: Eccleston, Charles
Sent: Tuesday, February 23, 2010 6:57 PM
To: Bacuta, George; Beissel, Dennis; Bulavinetz, Richard; Imboden, Andy; Klementowicz, Stephen; Logan, Dennis; Rikhoff, Jeffrey; Travers, Allison
Subject: Site Audit Plan and Schedule

Team,

Thanks for quick response. I had already identified and fixed the majority of the changes described in your emails, and have now incorporated those that were not already incorporated. I attempted to incorporate all the additional changes except for places in which there were conflicts etc. The changes are in red. Please give this one last review and let me know if you have any last changes.

Charles H. Eccleston

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D-60

Salem/Hope Creek: Site Audit Plan

Allotted Time (hrs)	Type	ER Category	NRC Description	Areas of Interest	AECOM	NRC	State /Other Agencies	Comments
2	Interview #1	Cultural Resource and Socioeconomics	Archaeological & historical resources; Taxes; Land use planning; Social services & public facilities; Impacts on housing, education facilities, transportation facilities, public water supplies, and off-site land use; Environmental justice.		Dillard S. Prove./Goodwin	A. Travers/J. Rikoff		
2	Interview #2	Socioeconomics	Taxes, Land use planning; Social services & Public facilities; Impacts on housing, education facilities, transportation facilities, public water supplies, and off-site land use; Environmental justice.	Taxes paid by PSEG (update)	Provenzano	J. Rikhoff	Lower Alloways Creek Township, Salem County	These contacts may be conducted via phone during the audit period.
4	Interview #3	Aquatic Resources	Surface water hydrology; Surface water quality; Surface water use conflicts; Aquatic communities; NPDES-permitted discharges	Surface water hydrology; Intake and discharge structures; Intake velocities; Entrainment/impingement; Thermal plumes, Dredging practices, Surface water quality; Surface water use conflicts; Aquatic community characteristics; Estuary Enhancement Program; NPDES-permitted discharges; Issues related to EFH and T&E species; Invasive species.	Dillard/Duda/Dover	D. Logan G. Bacuta D. Beissel R. Bulavinetz	NJ DEP; DNREC; NMFS; FWS; DRBC	
2	Interview #4	Meteorological & Onsite radiological Effluent Monitoring	Atmospheric and meteorological monitoring; Radiological gaseous effluent points and monitoring locations; Radiological liquid effluent points and monitoring locations; Off-site REMP; Radiological dose calculations.	Met tower reliability and backup capabilities.	Dover and Taylor	S. Klementowicz G. Bacuta		
2	Interview #5	Solid Waste Management	LLW and Mixed LLW holding, processing, packaging, and storage; Industrial waste treatment, handling, and storage; Hazardous waste treatment, handling, and storage; Sewage treatment.	LLW and mixed waste handling and disposal; Non-hazardous industrial waste treatment, handling, and storage (trash); Hazardous waste treatment, handling, and storage; Sewage treatment; Spent fuel storage capacity (wet and dry).	Taylor	S. Klementowicz		
2	Interview #6	Groundwater Resources	Waterbearing units; Water supply wells; Groundwater monitoring program; Groundwater use conflicts.	Water supply wells (usage, capacity, levels); Groundwater monitoring program (including tributaries); Groundwater flow; Groundwater use conflicts.	Dover	D. Beissel G. Bacuta	NJDEP, DNREC	

Salem/Hope Creek: Site Audit Plan

Allotted Time (hrs)	Type	ER Category	NRC Description	Areas of Interest	AECOM	NRC	State /Other Agencies	Comments
4	Interview #7	Water Use and Quality	Surface water quality, Surface water use conflicts; Permitting; Tritium release and remediation.	Surface water intake locations and volumes; Water rights; Surface water withdrawal and discharge permits; Off-site water supply systems; Tritium release from Salem Unit 1 Spent Fuel Pool.	Dover	D. Beissel G. Bacuta	DRBC; NJDEP; EPA; Pennsville, Penns. Grove, and Salem water	These contacts may be conducted via phone during the audit period.
2	Interview #8	T-Lines Management procedures; Terrestrial ecology	Use of pesticides & herbicides within T-line ROWs; Protocols for applying chemicals near streams and wetlands	Maintenance protocols; Occurrences of sensitive species or habitats in ROWs.	Dillard	R. Bulavinetz D. Logan ???		
2	Interview #9	Terrestrial Resources	Terrestrial habitats; General site information and questions; Threatened & endangered species; Invasive species	Terrestrial habitats on and around sites; T&E species on or near sites; Invasive species.	Dillard	R. Bulavinetz D. Logan	NJ DEP; DNREC; FWS	
2	Interview #10	Air Permits	Locations and types of permitted air pollutant (rad & non-rad) effluents.		Dover and Taylor	G. Bacuta		
2	Interview #11	Alternatives	Alternatives to the Proposed Action	Alternatives to the Proposed Action; Discussions with regulators regarding potential modifications to open-cycle cooling systems at Salem; Need for new transmission capacity; Renewable energy portfolio requirements/mandates.	Dover and Taylor	A. Travers	NJ Board of Public Utilities, Clean Energy Program	
5 (including travel time to Trenton, NJ)	** Will be conducted outside of Site Audit**	Archeological/Historical Resources	Site file/survey search at Registrar of NJ Archaeology, Trenton, NJ	Salem/Hope Creek sites	Goodwin	A. Travers	Greg Lattanzi, Registrar of NJ Archaeology	

Salem/Hope Creek: Site Audit Plan

Allotted Time (hrs)	Type	ER Category	NRC Description	Areas of Interest	AECOM	NRC	State /Other Agencies	Comments
2	Tour #1	General Overview; No entry into Protected Area		To be determined based on pre-audit data review.	All team members	All team members		
2.5	Tour #2	Archeological/ Historical Resources	View cultural sites	Areas planned for new access roads. Areas planned for new disturbance to surrounding submerged land: Hancock's Radon- Lower Alloways Creek	Goodwin	A Travers/J: Rikhoff	SHPO	May not be needed
2	Tour #3	Estuary Water System	Intake structure & pump house; Chlorinator house; Water pretreatment building; Screen house desilting basin; Circulating water pump house; Cooling Towers; Cooling water desilting basin; Discharge piping, sump and sampling house; Detoxification system; Fish Return Visit estuary enhancement program	Cooling Tower; Intake structures (screens, fish return systems, etc.), Discharge structures	Dillard/Duda	D Logan/R Bulavinetz		
2	Tour #4	Solid Waste, (rad and non-rad (hazardous and non-hazardous)) LLW & Sewage Treatment	Gaseous, liquid, and solid radioactive waste processing areas, (not just spent fuel); Radioactive effluent release points; Radioactive effluent monitoring systems; Typical radiological environmental monitoring station (including any co located State monitoring stations)	LLW Storage Area, (HIC and LSA boxes); Mixed waste storage area; Industrial waste storage areas; Radioactive effluent release points; Sewage treatment system; Spent fuel storage (wet and dry)	Taylor	S Klementowicz G Bacuta		
3	Tour #5	T-Lines Management procedures; Terrestrial Ecology; Archeological/ Historical Resources	T-lines that cross wetlands; T-lines that cross rivers/streams; T-lines that cross park/state land/protected areas; T-lines that cross historic and archaeological sites or areas of potential historic and archaeological sensitivity. Use of pesticides & herbicides within T-line ROWs; Protocols for applying chemicals near streams and wetlands	Crossings of wetlands or other sensitive areas that are readily accessible	Dillard, Duda, Zbe, Goodwin	D Logan R. Bulavinetz G. Bacuta		
2	Tour #6	Terrestrial Ecology	General terrestrial site layout; Wetland habitats; Vegetation; common flora/fauna	Terrestrial habitats on and near sites; T&E species on or near sites; invasive species	Dillard	D Logan/R Bulavinetz		
2	Tour #7	Radiological Gaseous and Liquid Effluent Monitoring Programs and Diesel Generator emission points	On-site meteorological station; On-site air effluent points and monitoring locations; On-site Liquid radiological effluent points and monitoring locations; Liquid radioactive waste system control panel.	Met tower, Pump house (Liquid effluent line, monitor, and control panel and Diesel fire pump); Exterior of plant; Diesel generators, Aux boiler, compliance and other air monitoring and dosimetry stations	Taylor ????	Klementowicz		
2	Tour #8	Offsite REMP Stations	Off-site REMP Stations	Air stations, Gardens, Milk locations, Upstream River Sampling Point	Taylor ????	Klementowicz		How many sites need to be seen?
2	Tour #9	On-site groundwater wells & NPDES-permitted outfalls	Monitoring wells that compose the Groundwater Radiation Protection Program; Supply wells; Stormwater	Supply wells; Tritium monitoring wells; Stormwater management system; NPDES-permitted outfalls	Dover/Dillard/Duda	D Logan D Beissel G. Bacuta		
3	Tour #10	Alternatives	Alternatives to the Proposed Action	Locations for new/additional facilities; New fossil-fueled plant and/or cooling towers; Rail access points	Dover and Taylor ????	A. Travers		
3	Tour #11	Boat tour			Duda/Dillard/B Dover	D Logan/R Bulavinetz D Beissel/G. Bacuta		

Salem/ Hope Creek: Site Audit Schedule
March 8-12

Monday March 8	Event	S/HC Participants	NRC Participants	AECOM Participants	Other	Event	S/HC Participants	NRC Participants	AECOM Participants	Other
7:30										
8:00										
8:30										
9:00										
9:30										
10:00										
10:30										
11:00										
11:30										
12:00										
12:30	Presentation#1 (General, Safety)	All	All	All						
1:00	Tour #1 (Overall Site Tour, Including Portions of the Protected Area)	Braun, Perry, Keating	All	All						
1:30										
2:00										
2:30										
3:00										
3:30										
4:00										
4:30										
	Presentation #3 (New Plant Early Site	Lewis, Pantazis	All	All						

Salem/ Hope Creek: Site Audit Schedule

March 8-12

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Salem/ Hope Creek: Site Audit Schedule
March 8-12

Wednesday March 10	Event	S/HC Participants	NRC Participants	AECOM Participants	Other	Event	S/HC Participants	NRC Participants	AECOM Participants	Other	Event	S/HC Participants	NRC Participants	AECOM Participants	Other
7:30															
8:00	Interview #8 (T-lines, Terrestrial Ecology)	Eggers, Balletto, Strait, Keating, Jubic(PHI), PSEG T-line	Bulavinetz	Dillard		Tour #7 (Radiological Effluent Monitoring Programs and emission Points)	Shelton, Sears	Klementowi.	Taylor		Tour #9 (Wells and Outfalls)		D.Logan D.Beissel G.Bacuta	Dover Duda Dillard	
8:30															
9:00															
9:30															
10:00	Interview #9 (Terrestrial Ecology)	Keating, Coulant, Balletto, Eggers	Bulavinetz, Logan	Dillard	NJDEP, DNREC, FWS	Tour #8 (Offsite REMP stations)	Shelton, Sears	Klementowi.	Taylor						
10:30															
11:00															
11:30															
12:00	Lunch														
12:30															
1:00	Tour #5 (T- Lines)	PSEG T-line suprv	D.Logan R.Bulavinetz G.Bacuta	Dillard, Duda Zoe M.goodwin		Interview # 10 (Air Permits)	Gregory, Cataldo, McLaughlin	G.Bacuta	Dover, Taylor						
1:30						Interview # 11 (Alternatives)		A. Travers	Dover, Taylor						
2:00															
2:30															
3:00															
3:30															
4:00	Tour #6 (Terrestrial Ecology)		D.Logan R.Bulavinetz	Dillard/Duda		Tour # 10 (Alternatives)		A. Travers	Dover, Taylor						
4:30															
5:00															

Salem/ Hope Creek: Site Audit Schedule
March 8-12

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