



System Energy Resources, Inc.
1340 Echelon Parkway
Jackson, MS 39286-1995

CNRO-2006-00016

March 8, 2006

U. S. Nuclear Regulatory Commission
Washington, DC 20555-0001
Attention: Document Control Desk

DOCKET: 52-009

SUBJECT: Grand Gulf Early Site Permit Application Revision 3 (TAC NO. MC 1378)

- REFERENCE:
1. System Energy Resources, Inc. (SERI) letter to USNRC – Early Site Permit Application (CNRO-2003-00054), dated October 16, 2003.
 2. SERI letter to USNRC – Early Site Permit - Grand Gulf Early Site Permit Application Revision 1 (TAC NO. MC 1378), CNRO-2005-00037, dated July 4, 2005
 3. SERI letter to USNRC – Grand Gulf Early Site Permit Application Revision 2 (TAC No. MC 1378) (CNRO-2005-00055), dated October 3, 2005.
 4. USNRC letter to SERI - Revision to the Grand Gulf Final Safety Evaluation Report (TAC MC 1378) (CNRI-2006-00003), dated February 7, 2006.
 5. SERI letter to USNRC – Response to Request for Additional Information Regarding the Grand Gulf Early Site Permit Final Safety Evaluation Report (TAC MC 1378) (CNRO-2006-00011), dated February 20, 2006.
 6. SERI letter to USNRC - Supplemental Information, Response to Request for Additional Information Regarding the Grand Gulf Early Site Permit Final Safety Evaluation Report (TAC MC 1378) (CNRO-2006-00014), dated March 7, 2006.

CONTACT:

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DOCUMENT COMPONENTS:

One (1) CD-ROM is included in this submittal. The CD-ROM contains the following thirty-one (31) files:

001_Cover and TOC_R3.pdf, 88 KB, publicly available
002_Part 1_Admin Info_R3.pdf, 135 KB, publicly available
003_Part 2_SSAR_TOC_R3.pdf, 207 KB, publicly available
004_Part 2_SSAR_Ch. 1_R3.pdf, 1241 KB, publicly available
005_Part 2_SSAR_Ch. 2_Text-Tables_R3.pdf, 3168 KB, publicly available
006_Part 2_SSAR_Ch. 2_Figs. S1-S3_R3.pdf, 22406 KB, publicly available
007_Part 2_SSAR_Ch. 2_Figs. S4_R3.pdf, 32540 KB, publicly available
008_Part 2_SSAR_Ch. 2_Figs. 1-22_S5_R3.pdf, 46279 KB, publicly available
009_Part 2_SSAR_Ch. 2_Figs. 23-38_S5_R3.pdf, 33214 KB, publicly available
010_Part 2_SSAR_Ch. 2_Figs. 39-78_S5_R3.pdf, 46624 KB, publicly available
011_Part 2_SSAR_Ch. 2_Figs. 79-100_S5_R3.pdf, 27699 KB, publicly available
012_Part 2_SSAR_Ch. 3_R3.pdf, 459 KB, publicly available
013_Part 3_ER_TOC_R3.pdf, 164 KB, publicly available
014_Part 3_ER_Ch. 1_R3.pdf, 149 KB, publicly available
015_Part 3_ER_Ch. 2_Text-Tables_R3.pdf, 1954 KB, publicly available
016_Part 3_ER_Ch. 2_Figs. S1-S2_R3.pdf, 30592 KB, publicly available
017_Part 3_ER_Ch. 2_Figs. 1-19_S3_R3.pdf, 41484 KB, publicly available
018_Part 3_ER_Ch. 2_Figs. 20-24_S3_R3.pdf, 22013 KB, publicly available
019_Part 3_ER_Ch. 2_Figs. 25-29_S3_R3.pdf, 39883 KB, publicly available
020_Part 3_ER_Ch. 2_Figs. S4_R3.pdf, 27121 KB, publicly available
021_Part 3_ER_Ch. 2_Figs. S5_S7_S8_R3.pdf, 32677 KB, publicly available
022_Part 3_ER_Ch. 3_R3.pdf, 382 KB, publicly available
023_Part 3_ER_Ch. 4_R3.pdf, 11579 KB, publicly available
024_Part 3_ER_Ch. 5_R3.pdf, 9958 KB, publicly available
025_Part 3_ER_Ch. 6_R3.pdf, 4054 KB, publicly available
026_Part 3_ER_Ch. 7_R3.pdf, 356 KB, publicly available
027_Part 3_ER_Ch. 8_R3.pdf, 70 KB, publicly available
028_Part 3_ER_Ch. 9_R3.pdf, 270 KB, publicly available
029_Part 3_ER_Ch. 10_R3.pdf, 134 KB, publicly available
030_Part 4_EPI_R3.pdf, 27504 KB, publicly available
031_Part 5_Programs and Plans_R3.pdf, 61KB, publicly available

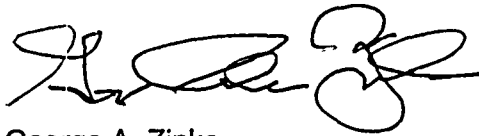
Enclosed is Revision 3 to the Grand Gulf Early Site Permit (ESP) application. Revision 3 updates the application to incorporate SERI's response to the NRC's request for additional information in Reference 4.

Should you have any questions, please contact me.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on March 8, 2006.

Sincerely,

A handwritten signature in black ink, appearing to read 'G. A. Zinke', with a stylized flourish at the end.

George A. Zinke
Project Manager
System Energy Resources Inc.

Attachment 1: GGNS ESP Application Revision 3 Change Summary ..

Enclosure: One CD-ROM

cc: Mr. C. J. Araguas, USNRC/NRR
Mr. C. Brandt, PNL
Ms. D. Curran, Harmon, Curran, Spielberg, & Eisenberg, L.L.P.
Mr. W. A. Eaton (ECH) (w/o enclosure)
Mr. B. S. Mallett, Administrator, USNRC/RIV
Mr. J. H. Wilson, USNRC/NRR

Resident Inspectors' Office: GGNS

GGNS ESP APPLICATION - REVISION 3 CHANGE SUMMARY

PART 1, ADMINISTRATIVE INFORMATION

Part 1 of the application had no changes in Revision 3.

PART 2, SITE SAFETY ANALYSIS REPORT

This change summary indicates the revision status for each SSAR text chapter/section and includes a list of tables and figures revised in Revision 3.

<u>CHAPTER/SECTION</u>	<u>REVISION</u>	<u>PAGES REVISED</u>
1.0	1	
2.1	1	
2.2	3	Cover, TOC-i, 2.2-4, -5, -6, -14
2.3	1	
2.4	1	
2.5	1	
3.1	3	3.1-6
3.2	1	
3.3	1	
3.4	1	

No figures or tables were revised in Revision 3.

PART 3, ENVIRONMENTAL REPORT

Part 3 of the application had no changes in Revision 3.

PART 4, EMERGENCY PLANNING INFORMATION

Part 4 of the application had no changes in Revision 3.

PART 5, PROGRAMS AND PLANS

Part 5 of the application had no changes in Revision 3.