



Nuclear

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April 14, 2006

52.17

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Early Site Permit (ESP) Application for the Clinton ESP Site
NRC Docket No. 52-007

Subject: Submittal of Revision 4 to Exelon Generation Company's Early Site Permit Application

Enclosed is Revision 4 to the Exelon Generation Company (EGC), LLC's Early Site Permit application. Revision 4 supports the NRC staff's ongoing review and incorporates changes associated with the revised PMF analysis and new PMF level values.

All text and table pages (not just revised pages) are identified as Revision 4 and the differences (from Revision 0) on each text and table page are annotated with single change bars. The differences in Revision 4 (from Revision 3) are annotated with double change bars. The change bars on the List of Figures identify the revised figures; however, the individual figures are not annotated.

If you have any questions or require additional information, please contact Chris Kerr of my staff at 610-765-5814.

Sincerely yours,

Marilyn C. Kray
Vice President, Project Development

CJK/cjk

cc: U.S. NRC Regional Office (w/enclosure)
Mr. John Segala (NRC) (w/enclosure)
Mr. Tom Kenyon (NRC) (w/enclosure)

D073

Enclosure: One CD-ROM labeled "Exelon Generation Company (EGC), LLC, Early Site Permit Application, Revision 4, April 2006," (containing files as listed on the next page)

EGC ESP Application, Revision 4, File Listing

- Administrative Information

001_EGC_ESP_AI_R04_(complete).pdf; 1,214 KB; publicly available

- Emergency Plan

002_EGC_ESP_EP_R04_(Cover-Ch3).pdf; 4,397 KB; publicly available

003_EGC_ESP_EP_R04_(Ch4-end).pdf; 1,994 KB; publicly available

- Site Redress Plan

004_EGC_ESP_SR_R04_(complete).pdf; 976 KB; publicly available

- Environmental Report

005_EGC_ESP_ER_R04_(Cover-Ch2Figs1).pdf; 4,650 KB; publicly available

006_EGC_ESP_ER_R04_(Ch2Figs2).pdf; 4,689 KB; publicly available

007_EGC_ESP_ER_R04_(Ch2Figs3).pdf; 3,985 KB; publicly available

008_EGC_ESP_ER_R04_(Ch2Figs4).pdf; 5,074 KB; publicly available

009_EGC_ESP_ER_R04_(Ch2Figs5).pdf; 4,255 KB; publicly available

010_EGC_ESP_ER_R04_(Ch2Figs6-Ch3).pdf; 3,226 KB; publicly available

011_EGC_ESP_ER_R04_(Ch4-Ch6).pdf; 3,729 KB; publicly available

012_EGC_ESP_ER_R04_(Ch7-end).pdf; 3,269 KB; publicly available

- Site Safety Analysis Report

013_EGC_ESP_SA_R04_(Cover-Ch1).pdf; 4,884 KB; publicly available

014_EGC_ESP_SA_R04_(Ch2-Ch2Figs1).pdf; 4,964 KB; publicly available

015_EGC_ESP_SA_R04_(Ch2Figs2).pdf; 3,689 KB; publicly available

016_EGC_ESP_SA_R04_(Ch2Figs3).pdf; 2,216 KB; publicly available

017_EGC_ESP_SA_R04_(Ch2Figs4).pdf; 2,124 KB; publicly available

018_EGC_ESP_SA_R04_(Ch2Figs5).pdf; 4,550 KB; publicly available

019_EGC_ESP_SA_R04_(Ch2Figs6-Ch3Figs1).pdf; 2,754 KB; publicly available

020_EGC_ESP_SA_R04_(Ch3Figs2).pdf; 5,087 KB; publicly available

021_EGC_ESP_SA_R04_(AppA_Cover-Ch2).pdf; 4,807 KB; publicly available

022_EGC_ESP_SA_R04_(AppA_Ch3-Ch5).pdf; 4,777 KB; publicly available

023_EGC_ESP_SA_R04_(AppA_Ch6-AttA3).pdf; 2,729 KB; publicly available

024_EGC_ESP_SA_R04_(AppA_AttA4).pdf; 5,106 KB; publicly available

025_EGC_ESP_SA_R04_(AppA_AttA4).pdf; 5,069 KB; publicly available

026_EGC_ESP_SA_R04_(AppA_AttA5).pdf; 3,909 KB; publicly available

027_EGC_ESP_SA_R04_(AppA_AttA6).pdf; 3,198 KB; publicly available

028_EGC_ESP_SA_R04_(AppA_AttA7).pdf; 3,606 KB; publicly available

029_EGC_ESP_SA_R04_(AppB_Cover-Ch2).pdf; 3,908 KB; publicly available

030_EGC_ESP_SA_R04_(AppB_Ch3-Ch4Figs1).pdf; 3,118 KB; publicly available

031_EGC_ESP_SA_R04_(AppB_Ch4Figs2-Ch6).pdf; 4,878 KB; publicly available

032_EGC_ESP_SA_R04_(AppB_AttB1-end).pdf; 4,186 KB; publicly available

AFFIDAVIT OF MARILYN KRAY

State of Pennsylvania

County of Chester

The foregoing document was acknowledged before me, in and for the County and State aforesaid, by Marilyn C. Kray, who is Vice President, Project Development, of Exelon Generation Company, LLC. She has affirmed before me that she is duly authorized to execute and file the foregoing document on behalf of Exelon Generation Company, LLC, and that the statements in the document are true to the best of her knowledge and belief.

Acknowledged and affirmed before me this 14th day of April, 2006.

My commission expires Sept. 20, 2008.

Staci L. Sprouse

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Staci L. Sprouse, Notary Public
Kennett Twp., Chester County
My Commission Expires Sept. 20, 2008
Member, Pennsylvania Association Of Notaries