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52.17

March 3, 2006

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 3 to Exelon Generation Company's Early Site Permit Application**

Enclosed is Revision 3 to the Exelon Generation Company (EGC), LLC's Early Site Permit application. Revision 3 supports the NRC staff's ongoing review and incorporates the following changes:

- Clarification of southern transmission line routing,
- SSAR changes to match FSER information on snowpack and groundwater.

All text and table pages (not just revised pages) are identified as Revision 3 and the differences (from Revision 0) on each text and table page are annotated with single change bars. The differences in Revision 3 (from Revision 2) 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 Bill Maher of my staff at 610-765-5939.

Sincerely yours,



Marilyn C. Kray  
Vice President, Project Development

TPM/wdm

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

Enclosure: One CD-ROM labeled "Exelon Generation Company (EGC), LLC, Early Site Permit Application, Revision 3, March 2006," (containing files as listed on the next page)

*SISP Review Completed  
Per John Segala*

D073

EGC ESP Application, Revision 3, File Listing

- Administrative Information
  - 001\_EGC\_ESP\_AI\_R03\_(complete).pdf; 963 KB; publicly available
- Emergency Plan
  - 002\_EGC\_ESP\_EP\_R03\_(Cover-Ch3).pdf; 2,638 KB; publicly available
  - 003\_EGC\_ESP\_EP\_R03\_(Ch4-end).pdf; 1,916 KB; publicly available
- Site Redress Plan
  - 004\_EGC ESP\_SR\_R03\_(complete).pdf; 745 KB; publicly available
- Environmental Report
  - 005\_EGC\_ESP\_ER\_R03\_(Cover-Ch2Figs1).pdf; 4,534 KB; publicly available
  - 006\_EGC\_ESP\_ER\_R03\_(Ch2Figs2).pdf; 3,350 KB; publicly available
  - 007\_EGC\_ESP\_ER\_R03\_(Ch2Figs3).pdf; 3,893 KB; publicly available
  - 008\_EGC\_ESP\_ER\_R03\_(Ch2Figs4).pdf; 4,956 KB; publicly available
  - 009\_EGC\_ESP\_ER\_R03\_(Ch2Figs5).pdf; 4,156 KB; publicly available
  - 010\_EGC\_ESP\_ER\_R03\_(Ch2Figs6-Ch3).pdf; 2,643 KB; publicly available
  - 011\_EGC\_ESP\_ER\_R03\_(Ch4-Ch6).pdf; 3,819 KB; publicly available
  - 012\_EGC\_ESP\_ER\_R03\_(Ch7-end).pdf; 1,587 KB; publicly available
- Site Safety Analysis Report
  - 013\_EGC\_ESP\_SA\_R03\_(Cover-Ch1).pdf; 2,440 KB; publicly available
  - 014\_EGC\_ESP\_SA\_R03\_(Ch2-Ch2Figs1).pdf; 4,769 KB; publicly available
  - 015\_EGC\_ESP\_SA\_R03\_(Ch2Figs2).pdf; 3,234 KB; publicly available
  - 016\_EGC\_ESP\_SA\_R03\_(Ch2Figs3).pdf; 4,164 KB; publicly available
  - 017\_EGC\_ESP\_SA\_R03\_(Ch2Figs4).pdf; 4,520 KB; publicly available
  - 018\_EGC\_ESP\_SA\_R03\_(Ch2Figs5).pdf; 4,351 KB; publicly available
  - 019\_EGC\_ESP\_SA\_R03\_(Ch2Figs6-Ch3Figs1).pdf; 2,173 KB; publicly available
  - 020\_EGC\_ESP\_SA\_R03\_(Ch3Figs2).pdf; 4,969 KB; publicly available
  - 021\_EGC\_ESP\_SA\_R03\_(AppA\_Cover-Ch2).pdf; 4,304 KB; publicly available
  - 022\_EGC\_ESP\_SA\_R03\_(AppA\_Ch3-Ch5).pdf; 3,789 KB; publicly available
  - 023\_EGC\_ESP\_SA\_R03\_(AppA\_Ch6-AttA3).pdf; 3,988 KB; publicly available
  - 024\_EGC\_ESP\_SA\_R03\_(AppA\_AttA4).pdf; 4,747 KB; publicly available
  - 025\_EGC\_ESP\_SA\_R03\_(AppA\_AttA4).pdf; 4,370 KB; publicly available
  - 026\_EGC\_ESP\_SA\_R03\_(AppA\_AttA5).pdf; 3,618 KB; publicly available
  - 027\_EGC\_ESP\_SA\_R03\_(AppA\_AttA6).pdf; 3,043 KB; publicly available
  - 028\_EGC\_ESP\_SA\_R03\_(AppA\_AttA7).pdf; 1,135 KB; publicly available
  - 029\_EGC\_ESP\_SA\_R03\_(AppB\_Cover-Ch2).pdf; 3,775 KB; publicly available
  - 030\_EGC\_ESP\_SA\_R03\_(AppB\_Ch3-Ch4Figs1).pdf; 4,524 KB; publicly available
  - 031\_EGC\_ESP\_SA\_R03\_(AppB\_Ch4Figs2-Ch6).pdf; 4,297 KB; publicly available
  - 032\_EGC\_ESP\_SA\_R03\_(AppB\_AttB1-end).pdf; 3,523 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 3<sup>rd</sup> day of March, 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