

July 27, 2004

Ms. Marilyn Kray
Vice President, Project Development
Exelon Generation
200 Exelon Way, KSA3-N
Kennett Square, PA 19348

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 5 - EXELON
EARLY SITE PERMIT APPLICATION FOR THE CLINTON ESP SITE (TAC NO.
MC1122)

Dear Ms. Kray:

By letter dated September 25, 2003, Exelon Generation Company, LLC (Exelon) submitted its application for an early site permit (ESP) for the Clinton ESP site.

The Nuclear Regulatory Commission (NRC) staff is performing a detailed review of the Site Safety Analysis Report (SSAR) in your ESP application to ensure that the information is sufficiently complete to enable the NRC staff to reach a final conclusion on all safety questions associated with the site before the ESP is issued. The NRC staff has determined that additional information is necessary to continue the review. The topics covered in the request for additional information (RAI) contained in Enclosure 1 are site security and general information. These RAIs were sent to you via electronic mail (e-mail) on June 11 and July 14, 2004.

Receipt of requested information within 75 days of the date of this letter will support the NRC's efficient and timely review of Exelon's ESP application. Please note that failure to provide a response in a timely fashion may result in a delay of completion of the staff's safety evaluation report. If you have any questions or comments concerning this matter, you may contact me at (301) 415-1180 or nvg@nrc.gov.

Sincerely,

/RA/

Nanette V. Gilles, Exelon ESP Project Manager
New Reactors Section
New, Research and Test Reactors Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket No. 52-007

Enclosure: As stated

cc: See next page

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Docket No. 52-007

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ACCESSION NO. ML042010334

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DATE	07/22/04	07/22/04	07/26/04	07/27/04

OFFICIAL RECORD COPY

Site Safety Analysis Report (SSAR) Section 1.5, USNRC Regulatory Guides (RGs)

RAI 1.5-1

Please provide a comprehensive listing of NRC regulations applicable to the Exelon early site permit (ESP) SSAR and the affected SSAR sections, similar to that provided in Table 1.5-1 for NRC RGs. Also, please update Table 1.5-1 to include all applicable RGs or confirm that it is complete as is. For example, please state whether 10 CFR 100.21(f) and RG 4.7 apply to SSAR Section 3.4.1.6, "Site Characteristics - Security Plans."

SSAR Section 3.4.1.6, Security Plan

RAI 3.4.1.6-1

Please provide scale drawings that depict:

- The existing protected area (PA) boundary
- The existing vehicle checkpoint
- Proposed PA boundary for the power block structures and safety related cooling towers
- The outer boundary of the owner controlled area (OCA)
- The shoreline of the lake within the OCA
- All roads and railroads that penetrate the OCA
- The proposed location of the intake structure
- Existing culverts (greater than 254 square inches in cross-section area) that extend from outside to inside the existing PA
- Existing or planned culverts (greater than 254 square inches in cross-section area) that extend from outside to inside either the area for power block structures and/or the area for safety related cooling towers, and
- Route 54 in relation to the OCA

Distribution for Request For Additional Information Letter No. 5 dated July 27, 2004

Hard Copy

PUBLIC

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