

November 15, 2004

Ms. Marilyn Kray  
Vice President, Special Projects  
Exelon Generation  
200 Exelon Way, KSA3-E  
Kennett Square, PA 19348

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION (RAI) REGARDING THE  
ENVIRONMENTAL PORTION OF THE EARLY SITE PERMIT APPLICATION  
FOR THE EXELON GENERATION COMPANY SITE (TAC NO. MC1125)

Dear Ms. Kray:

The staff has identified the need for additional information during its review of the information regarding transportation of fuel and radioactive wastes to and from nuclear power facilities. Specifically, the staff has identified the need for additional information regarding the uranium fuel cycle environmental data as required by Title 10 Code of *Federal Regulations* Part 51.51(a) (10 CFR 51.51(a)). Enclosed is the staff's RAI. As discussed with your staff, we request that you expeditiously provide your response to this RAI in order to support the early site permit review schedule. If you have any questions, please contact me at (301) 415-1120.

Sincerely,

**/RA/**

Thomas J. Kenyon, Senior Project Manager  
Environmental Section  
License Renewal and Environmental Impacts Program  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket No.: 52-007  
Enclosure: As stated  
cc w/enclosure: See next page

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OFFICE	PM:RLEP:DRIP	OGC (NLO) w/comments	SC:RLEP:DRIP
NAME	TKenyon	APH	AKugler
DATE	11/1/04	11/ 9/04	11/15/04

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**Request for Additional Information Regarding  
The Exelon Generation Company, LLC Early Site Permit Application**

Unless otherwise indicated, section numbers refer to the applicant's environmental report (ER) for the early site permit (ESP).

**Section 5.7 Uranium Fuel Cycle Impacts**

**E5.7-1**

The Exelon ESP environmental report used Table S-3 as the basis for evaluating the contribution of the environmental effects of the fuel cycle. Table S-3, however, does not estimate releases or consider the environmental effects of radon-222 and technetium-99. The effects of these gases should be included in the environmental report. Provide a detailed analysis of estimated releases and environmental effects of radon-222 and technetium-99 for the uranium fuel cycle.

Clinton Early Site Permit

cc:

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