



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

July 14, 2010

Mr. Michael J. Pacilio
President and Chief Nuclear Officer
Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: LASALLE COUNTY STATION, UNITS 1 AND 2 - REQUEST FOR ADDITIONAL
INFORMATION RELATED TO REQUEST FOR LICENSE AMENDMENT TO
ALLOW RECEIPT AND STORAGE OF LOW-LEVEL RADIOACTIVE WASTE
(TAC NOS. ME3054 AND ME3055)

Dear Mr. Pacilio:

By letter to the Nuclear Regulatory Commission (NRC) dated January 6, 2010 (Agencywide Documents Access and Management System Accession No. ML100070297), Exelon Generation Company, LLC submitted a request to revise license paragraph 2.B.(5), for the LaSalle County Station (LSCS), Units 1 and 2. The proposed change would enable LSCS to possess byproduct material from Braidwood Station, Units 1 and 2, Byron Station, Units 1 and 2, and Clinton Power Station, Unit 1.

The NRC staff is reviewing your submittal and has determined that additional information is required to complete the review. The specific information requested is addressed in the enclosure to this letter. During a discussion with your staff on July 14, 2010, it was agreed that you would provide a response within 30 days.

The NRC staff considers that timely responses to requests for additional information help ensure sufficient time is available for staff review and contribute toward the NRC's goal of efficient and effective use of staff resources. If circumstances result in the need to revise the requested response date, please contact me at (301) 415-3719.

Sincerely,

A handwritten signature in cursive script, reading "Cameron S. Goodwin", is positioned above the typed name.

Cameron S. Goodwin, Project Manager
Plant Licensing Branch III-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-373 and 50-374

Enclosure:
Request for Additional Information

cc w/encl: Distribution via listserv

REQUEST FOR ADDITIONAL INFORMATION

LASALLE COUNTY STATION, UNITS 1 AND 2

DOCKET NOS. 50-373 AND 50-374

In reviewing the Exelon Generation Company's (Exelon's) submittal dated January 6, 2010 (Agencywide Documents Access and Management System Accession No. ML100070297), related to a request to revise license paragraph 2.B.(5), for the LaSalle County Station (LSCS), Units 1 and 2, the Nuclear Regulatory Commission staff has determined that the following information is needed in order to complete its review:

1. A discussion of how any off-site generated waste would be managed, tracked and differentiated from LSCS waste, with respect to any delineation of operating costs for the LSCS low-level radioactive waste storage facility and ultimate waste disposal or decommissioning costs; and whether there would be any resulting impacts on insurance or decommissioning financial assurance for LSCS.
2. A discussion of any legal authority enjoyed by the State of Illinois, as an Agreement State, with regard to the proposed transportation to and storage of low-level radioactive waste (LLRW) at LSCS.
3. The amendment request states that no Class A LLRW from Braidwood, Byron and Clinton Power Station (CPS) will be stored at LSCS. However, the proposed license change would allow storage of Braidwood, Byron and CPS Class A, as well as Class B and C, LLRW at LSCS. A justification for the storage of Class A LLRW from Braidwood, Byron and CPS at LSCS is required.
4. The No Significant Hazards Consideration (NHSC) provided with the license amendment request does not address the potential for storage of Class A LLRW from Byron, Braidwood, and CPS at LSCS. The NHSC needs to be revised to address the storage of Class A LLRW at LSCS.

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RA/

Cameron S. Goodwin, Project Manager
Plant Licensing Branch III-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

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cc w/encl: See next page

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NAME	CGoodwin	THarris	RCarlson
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