



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

March 17, 2016

Mr. Bryan C. Hanson  
Senior Vice President  
Exelon Generation Company, LLC  
President and Chief Nuclear Officer (CNO)  
Exelon Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: CLINTON POWER STATION, UNIT NO. 1 – ACCEPTANCE REVIEW  
CONCERNING INCORPORATION OF REVISED ALTERNATIVE SOURCE TERM  
(CAC NO. MF7336)(RS-16-019)

Dear Mr. Hanson:

By letter dated January 29, 2016 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML116029A418), Exelon Generation Company, LLC (EGC, the licensee) submitted a license amendment request for Clinton Power Station, Unit 1 (CPS). The proposed amendment revises the post-loss-of-coolant-accident (LOCA) drawdown time for secondary containment from 12 to 19 minutes as described in the CPS Updated Safety Analysis Report and technical specification (TS) bases. It is the NRC staff's understanding that this submittal also includes a non-credited volume (railroad bay) as part of the change to the analyses; however, the licensee is not requesting NRC review of that volume as it relates to any future extension of secondary containment to that volume. The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this amendment request. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical review. The acceptance review is also intended to identify whether the application has any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

Consistent with Section 50.90 of Title 10 of the *Code of Federal Regulations* (10 CFR), an amendment to the license (including the TSs) must fully describe the changes requested, and following as far as applicable, the form prescribed for original applications. Section 50.34 of 10 CFR addresses the content of technical information required. This section stipulates that the submittal address the design and operating characteristics, unusual or novel design features, and principal safety considerations.

The NRC staff has reviewed your application and concluded that it does provide technical information in sufficient detail to enable the staff to complete its detailed technical review and make an independent assessment regarding the acceptability of the proposed amendment in terms of regulatory requirements and the protection of public health and safety and the environment. Given the lesser scope and depth of the acceptance review as compared to the detailed technical review, there may be instances in which issues that impact the NRC staff's ability to complete the detailed technical review are identified despite completion of an adequate acceptance review. You will be advised of any further information needed to support the NRC staff's detailed technical review by separate correspondence.

B. Hanson

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If you have any questions, please contact Ms. Eva Brown, at (301) 415-2315.

Sincerely,

*/RA/*

Eva A. Brown, Senior Project Manager  
Plant Licensing Branch III-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-461

cc: Distribution via Listserv

B. Hanson

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**NRR-106**

OFFICE	LPLII-2/PM	LPLIII-2/LA	LPLIII-2/BC (A)
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DATE	3/17/16	3/17/16	3/17/16

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