



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

June 25, 2015

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

SUBJECT: DRESDEN UNITS 2 AND 3 – ACCEPTANCE OF LICENSE AMENDMENT
REQUEST REGARDING SPENT FUEL STORAGE POOL CRITICALITY
METHODOLOGY AND PROPOSED CHANGE TO TECHNICAL
SPECIFICATION 4.3.1, "CRITICALITY" (TAC NO(S). MF5734 AND MF5735)

Dear Mr. Hanson:

By application dated December 30, 2014 (RS-14-310) (Agencywide Documents Access and Management System (ADAMS) Accession No. ML14364A100), as supplemented by licensee letter dated May 8, 2015 (RS-15-119) (ADAMS Accession No. ML15128A305), Exelon Generation Company, LLC (EGC, the licensee) submitted a license amendment request for Dresden Nuclear Power Station (DNPS), Units 2 and 3. The proposed license amendment would change the criticality safety analysis methodology for the DNPS, Unit 2 and 3, spent fuel pools and the DNPS Technical Specification (TS) 4.3.1, "Criticality."

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 Part 50 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 U.S. Nuclear Regulatory Commission (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 staff's detailed technical review by separate correspondence.

B. Hanson

- 2 -

If you have any questions, please contact Russell Haskell at (301) 415-1129, or email Russell.Haskell@nrc.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Blake Purnell". The signature is written in a cursive, flowing style.

Blake Purnell, Project Manager
Plant Licensing III-2 and
Planning and Analysis Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No(s). 50-237 and 50-249

cc: Distribution via Listserv

B. Hanson

- 2 -

If you have any questions, please contact Russell Haskell at (301) 415-1129, or email Russell.Haskell@nrc.gov.

Sincerely,

/RA/

Blake Purnell, Project Manager
Plant Licensing III-2 and
Planning and Analysis Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No(s). 50-237 and 50-249

cc: Distribution via Listserv

DISTRIBUTION:

PUBLIC

Branch Reading File

RidsNrrDorl Resource

RidsNrrDorlDpr Resource

RidsNrrLASRohrer Resource

RidsRgn3MailCenter Resource

RidsAcrsAcnw_MailCTR Resource

RidsNrrDssSrxsb Resource

RidsNrrDorlLpl3-2 Resource

RidsNrrPMDresden Resource

ADAMS Accession No. ML15149A385

OFFICE	NRR/DORL/LPL4-2	NRR/DORL/LPL3-2	NRR/DORL/LPL3-2	NRR/DORL/LPL3-2 LA
NAME	APulvirenti	RHaskell	BPurnell	SRohrer
DATE	6/9/15	6/9/15	6/10/15	6/11/15
OFFICE	NRR/DORL/LPL3-2	NRR/DORL/LPL4-2	NRR/DORL/LPL3-2	
NAME	BBeasley	APulvirenti	BPurnell	
DATE	6/22/15	6/24/15	6/25/15	

OFFICIAL RECORD COPY