

April 29, 2016

MORANDUM TO: Biweekly Notice Coordinator

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

SUBJECT: REQUEST FOR PUBLICATION IN BIWEEKLY FR NOTICE - NOTICE
OF ISSUANCE OF AMENDMENTS TO RENEWED FACILITY
OPERATING LICENSES (CAC NOS. MF5734 AND MF5735)

Exelon Generation Company, LLC, Docket Nos. 50-237 and 50-249, Dresden Nuclear Power
Station (DNPS), Units 2 and 3, Grundy County, Illinois

Date of application for amendment: December 30, 2014, as supplemented by letters dated May 8, 2015, July 30, 2015, October 15, 2015, and February 8, 2016. Publicly-available versions are in ADAMS under Accession Nos. ML14364A100, ML15128A305, ML15215A336, ML15288A160, and ML16039A110, respectively.

Brief description of amendment: The amendments allow revision to DNPS technical specifications (TSs) in support of a new nuclear criticality safety analysis methodology, use of a new fuel assembly design to store AREVA ATRIUM 10XM fuel in the DNPS spent fuel pools (SFPs), and addition of a new TS 4.3.1.1c criticality parameter related to the maximum in-rack infinite k-effective (k_{inf}) limit for fuel assemblies allowed to be stored in the SFP racks. Additionally, the DNPS licenses will be amended to ensure that any loss or reduction of SFP neutron-absorbing capacity will be promptly detected, and that the licensee will perform confirmatory testing to ensure that the minimum B-10 areal density continues to be met for the BORAL panels installed in the SFPs at DNPS.

Date of issuance: April 29, 2016

Effective date: As of the date of issuance and shall be implemented within 30 days from the date of issuance.

Amendment Nos.: 249 and 242. A publicly-available version is under ADAMS Accession No. ML15343A126; documents related to these amendments are listed in the Safety Evaluation enclosed with the amendments.

Renewed Facility Operating License Nos. DPR-19 and DPR-25: The amendments revises the DNPS Technical Specifications and Licenses.

Date of initial notice in *Federal Register*: November 5, 2015 (80 FR 68573)

The supplements dated October 15, 2015 and February 8, 2016, contained clarifying information and did not change the NRC staff's initial proposed finding of no significant hazards consideration.

The Commission's related evaluation of the amendments is contained in a Safety Evaluation dated April 29, 2016

No significant hazards consideration comments received: None.

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No significant hazards consideration comments received: None.

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