



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

December 17, 2021

Mr. David P. Rhoades,
Senior Vice President
Exelon Generation Company, LLC
President and Chief Nuclear NO,
Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION'S ANALYSIS OF EXELON
GENERATION COMPANY, LLC'S DECOMMISSIONING FUNDING STATUS
REPORT FOR DRESDEN NUCLEAR POWER STATION, UNIT NO. 1, AND
PEACH BOTTOM ATOMIC POWER STATION, UNIT NO. 1,
DOCKET NOS. 50-10 AND 50-171

Dear Mr. Rhoades:

By letter dated February 24, 2021, the U.S. Nuclear Regulatory Commission (NRC) received your decommissioning funding status (DFS) report (Agencywide Documents Access and Management System [ADAMS] Accession No. ML21055A776) for Dresden Nuclear Power Station, Unit No. 1 (Dresden Unit 1), and Peach Bottom Atomic Power Station, Unit 1 (Peach Bottom Unit 1).

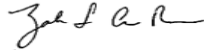
The NRC has reviewed and analyzed the site-specific decommissioning cost estimate, as required in Title 10 of the *Code of Federal Regulations* (10 CFR) 50.82(a)(4)(i), and the amount(s) stated within the licensee's decommissioning trust fund, as of December 31, 2020, for the above plants, as well as earnings assumptions. Based on the reported decommissioning trust balance, together with earnings credits specified under NRC regulations, the NRC has determined that as of December 31, 2020, Exelon Generation Company, LLC (EGC), is providing a total amount of decommissioning funding assurance in the amount of \$421,075 thousands for Dresden Unit 1 and \$148,815 thousands for Peach Bottom Unit 1.

This letter confirms the correspondence, described above, regarding DFS reports for permanently shut down power reactors as required under 10 CFR 50.82(a)(v) - (vi). As of the date of this letter, considering the available information, the NRC has determined that EGC has satisfied the decommissioning funding assurance requirements of 10 CFR 50.82, "Termination of License," for Dresden Unit 1 and Peach Bottom Unit 1 on December 31, 2021. A summary report completed by NRC staff reflecting decommissioning power reactor DFSs is expected to be completed and made publicly available by the end of calendar year 2021.

In accordance with 10 CFR 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's ADAMS. ADAMS is accessible from the NRC Web site at <https://www.nrc.gov/reading-rm/adams.html>.

If you have any questions in this matter, please call me at (301) 415-3808 or e-mail me at Zahira.CruzPerez@nrc.gov.

Sincerely,

 Signed by Cruz-Perez, Zahira
on 12/17/21

Zahira L. Cruz Perez, Project Manager
Reactor Decommissioning Branch
Division of Decommissioning, Uranium Recovery
and Waste Programs
Office of Nuclear Material Safety
and Safeguards

Docket Nos. 50-10, 50-171

Cc:
Dresden ListServ
Peach Bottom ListServ

U.S. Nuclear Regulatory Commission's Analysis of Exelon Generation Company, LLC's Decommissioning Funding Status Report for the Dresden Nuclear Power Station, Unit No. 1, and Peach Bottom Atomic Power Station, Unit No. 1, Docket Nos. 50-10 and 50-171 DATE December 17, 2021

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DATE	Dec 17, 2021	Dec 17, 2021	Dec 17, 2021	

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