

June 6, 2002

Mr. John L. Skolds, President
Exelon Nuclear
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: DRESDEN NUCLEAR POWER STATION, UNIT 2 - ISSUANCE OF
AMENDMENT FOR ALTERNATE BATTERY FLOAT CHARGE (TAC NO.
MB2880)

Dear Mr. Skolds:

The U.S. Nuclear Regulatory Commission (Commission) has issued the enclosed Amendment No. 193 to Facility Operating License No. DPR-19 for the Dresden Nuclear Power Station, Unit 2. The amendment is in response to your application dated September 5, 2001.

The amendment revises the acceptance criterion in Technical Specification Surveillance Requirement 3.8.4.1 "D.C. Sources - Operating" for the Alternate Battery terminal voltage on float charge.

A copy of the Safety Evaluation is also enclosed. The Notice of Issuance will be included in the Commission's biweekly *Federal Register* notice.

Sincerely,

/RA/

Lawrence W. Rossbach, Project Manager, Section 2
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-237

Enclosures: 1. Amendment No. 193 to DPR-19
2. Safety Evaluation

cc w/encls: See next page

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**See previous concurrence

*SE provided by memo dated 02/05/02

ADAMS Accession Number: ML021230651

OFFICE	PM:LPD3-2	LA:LPD3-2	SC:EEIB	OGC	SC:LPD3-2
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DATE	06/06/02	06/06/02	02/05/02	05/23/02	06/06/02

OFFICIAL RECORD COPY

Dresden Nuclear Power Units 2 and 3

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EXELON GENERATION COMPANY, LLC

DOCKET NO. 50-237

DRESDEN NUCLEAR POWER STATION, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 193
License No. DPR-19

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by the Exelon Generation Company, LLC (the licensee) dated September 5, 2001, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and paragraph 2.C.(2) of Facility Operating License No. DPR-19 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 193, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance and shall be implemented within 30 days of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

Anthony J. Mendiola, Chief, Section 2
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: June 6, 2002

ATTACHMENT TO LICENSE AMENDMENT NO. 193

FACILITY OPERATING LICENSE NO. DPR-19

DOCKET NO. 50-237

Replace the following page of the Appendix "A" Technical Specifications with the attached page. The revised page is identified by amendment number and contains a line in the margin indicating the area of change.

Remove Page

3.8.4-5

Insert Page

3.8.4-5

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 193 TO FACILITY OPERATING LICENSE NO. DPR-19

EXELON GENERATION COMPANY, LLC

DRESDEN NUCLEAR POWER STATION, UNIT 2

DOCKET NO. 50-237

1.0 INTRODUCTION

By application dated September 5, 2001, Exelon Generation Company, LLC (the licensee) requested a change to the Technical Specifications (TSs) of Facility Operating License No. DPR-19 for Dresden Nuclear Power Station, Unit 2 (Dresden 2). The proposed change would revise the acceptance criterion in TS Surveillance Requirement (SR) 3.8.4.1 "D.C. Sources-Operating," for the Alternate Battery terminal voltage on float charge. Additionally, SR 3.8.5.1 which is required during shutdown conditions, references performance of SR 3.8.4.1. While SR 3.8.5.1 is not being changed, its acceptance criterion would be changed indirectly with the requested change to SR 3.8.4.1.

2.0 BACKGROUND

On October 7, 1999, the licensee completed a plant modification to Dresden 2 that added three battery cells to the Alternate Battery. However, the TS Surveillance Requirement 3.8.4.1c was not revised as part of the modification. The present SR states the following:

"Verify battery terminal voltage on float charge is greater than or equal to 130.2 VDC for Unit 2 alternate battery."

The licensee proposes to change the voltage in SR 3.8.4.1c to read "Greater than or equal to 134.5 VDC."

3.0 REGULATORY AND TECHNICAL EVALUATION

During normal operation, the DC loads are powered from the battery chargers. Upon the failure of the battery charger, the battery is to supply power to the DC distribution system. The 125 Vdc electrical power system provides normal and emergency DC electrical power for the diesel generators, emergency and control switching during all modes of operation.

At Dresden 2, an Alternate Battery allows battery testing and cell replacement for the normal station battery. Verifying terminal voltage while the battery is on float charge ensures the effectiveness of the charging system and the ability of the battery to perform its intended function. Due to the addition of three cells to this Alternate Battery, the acceptable float voltage range should have been revised. The present acceptance criterion in the TS is

non-conservative. The increase of the float voltage from 130.2 Vdc to 134.5 Vdc reflects the increase of the number of cells from sixty to sixty-three cells and is more conservative. The operation of safety-related equipment and components remains unchanged and the equipment remains operable, therefore the voltage increase is acceptable.

Based on the above, the staff concludes that the licensee's request for amendment to the Technical Specifications associated with the voltage of the Alternate Battery is acceptable as it does not affect the current licensing requirements and the DC systems will be able to perform their safety functions. The change maintains the necessary level of system reliability and the increase in terminal voltage specifically supports the increase in the number of cells of the battery. Therefore, the staff approves the licensee's request for amendment of the TSs.

4.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Illinois State official was notified of the proposed issuance of the amendment. The State official had no comments.

5.0 ENVIRONMENTAL CONSIDERATION

The amendment changes a surveillance requirement. The NRC staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that the amendment involves no significant hazards consideration, and there has been no public comment on such finding (67 FR 10013). Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendment.

6.0 CONCLUSION

The Commission has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: S. N. Saba

Date: June 6, 2002