



50-237

UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

December 18, 1995

Mr. D. L. Farrar
Manager, Nuclear Regulatory Services
Commonwealth Edison Company
Executive Towers West III
1400 OPUS Place, Suite 500
Downers Grove, IL 60515

SUBJECT: CHANGE TO IMPLEMENTATION COMMITMENT - STATION BLACKOUT RULE -
DRESDEN STATION, UNITS 2 AND 3 (TAC NOS. M93591 AND M93592)

Dear Mr. Farrar:

By letter dated December 11, 1990, the staff transmitted our safety evaluation (SE) related to the Commonwealth Edison Company's (ComEd, the licensee) responses to the Station Blackout (SBO) Rule, 10 CFR 50.63, for the Dresden Station, Units 2 and 3. The staff found the licensee's proposed method for coping with the SBO rule to be acceptable, subject to the satisfactory resolution of several recommendations that were itemized in the staff's SE. The licensee, by letters dated January 21 and February 15, 1991, responded specifically to the staff's SE. In their responses the licensee proposed to complete all SBO modifications by December 31, 1995. By letter dated July 18, 1991, the staff issued a supplemental SE. In the supplemental SE the staff accepted the licensee's proposed SBO modification schedule.

The principal modifications to meet the requirements of the SBO rule were to install two Alternate AC (AAC) power sources and a safety grade electrical bus connection between Dresden, Unit 2 and 3. The modification schedule proposed by the licensee was based on two refueling outages taking place at both Dresden, Units 2 and 3, prior to December 31, 1995.

By letters dated September 1 and November 22, 1995, ComEd informed the staff of unavoidable delays in the completion of the AAC modifications for both Dresden, Units 2 and 3. The licensee identified that the remaining modifications and testing on both units will require the work to be completed during a refueling outage.

Dresden, Unit 2, is currently in a refueling outage (D2R14). Due to a major replanning effort to better allocate resources, the outage completion will extend into early 1996. As such, the remaining SBO modifications will not be complete by December 31, 1995. The licensee has committed to complete all SBO modifications for Dresden, Unit 2, prior to the unit's return to operation from the current refueling outage. Upon completion of the Unit 2 refueling outage, Dresden will be equipped with one additional on-site AAC source. Cross-tie capability between Units 2 and 3 that has previously been installed

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D. L. Farrar
Commonwealth Edison Company

Dresden Nuclear Power Station
Unit Nos. 2 and 3

cc:

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D. Farrar

- 2 -

to meet the SBO rule has increased operational flexibility. This flexibility, coupled with the size of the new single AAC power source (approximately twice the capacity of a single existing Technical Specification required diesel generator), is sufficient to supply SBO loads in both Units 2 and 3 during an SBO event. These enhancements will provide additional safety margin for the station in the event of a LOOP.

Dresden, Unit 3, is currently operating in cycle 14. The unit was originally scheduled to be shut down for refueling outage D3R14 prior to 1996. The current cycle will extend into 1996 because of the extended forced outages; both of which occurred in cycle 13 and the current cycle 14. The remaining work on Unit 3 includes the installation of electrical interconnections (4 kV ties from the AAC-DG to the existing station safety bus), modifications and upgrade of safety-related breakers, and operability testing of the Unit 3 AAC-DG systems. This was scheduled in 1991 to be completed in the D3R14 refueling outage. The remaining physical work requires consecutive and extended outages of both 4 kV safety buses that can only be coordinated and performed during a refueling outage with the reactor de-fueled.

Based on the information provided by ComEd, the staff has determined the revised schedule to complete the implementation of the SBO modifications at Dresden, Unit 2 (completion of D2R14 03/96) and Unit 3 (completion of D3R14 12/96), is acceptable. It is requested that ComEd keep the staff informed of the status of the SBO modifications and provide written confirmation of the completion within 30 days following the restart of each unit from its current or upcoming refueling outage.

Sincerely,

Original signed by:

John F. Stang, Senior Project Manager
Project Directorate III-2
Division of Reactor Projects - III/IV
Office of Nuclear Reactor Regulation

Docket Nos. 50-237, 50-249

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