

February 22, 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

Dear Mr. Farrar:

SUBJECT: CORRECTION TO AMENDMENT (TAC NOS. M90833 AND M90834)

On January 20, 1995, the Commission issued Amendment No. 58 to Facility Operating License NPF-72 and Amendment No. 58 to Facility Operating License NPF-77 for the Braidwood Station, Units 1 and 2 respectively.

The spent fuel pool elevation specified in revised Technical Specification (TS) Section 5.6.2 (page 5-5) was specified as "423 feet 2 inches" rather than the correct value of "423 feet 0 inches." Please replace the previously issued page with the one enclosed.

We regret any inconvenience this error may have caused.

Sincerely,

original signed by

George F. Dick, Jr., Senior Project Manager
Project Directorate III-2
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

Docket Nos. STN 50-456 and STN 50-457

Enclosure: TS Page 5-5

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Commonwealth Edison Company

cc:

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Unit Nos. 1 and 2

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Chicago, Illinois 60604-3590

DESIGN FEATURES

5.6 FUEL STORAGE

CRITICALITY

5.6.1.1 The spent fuel storage racks are designed and shall be maintained with a k_{eff} less than or equal to 0.95 when flooded with unborated water, which includes a conservative allowance for uncertainties as described in Section 9.1 of the UFSAR. This is ensured by controlling fuel assembly placement in each region as follows:

a. REGION 1

1. A nominal 10.32 inch north-south and 10.42 inch east-west, center-to-center distance is maintained between fuel assemblies placed in the spent fuel storage racks.
2. Fuel assemblies may be stored in this region with
 - a) a maximum nominal initial U-235 enrichment of less than or equal to 4.2 weight percent, or
 - b) a maximum nominal initial U-235 enrichment of 5.0 weight percent with sufficient Integral Fuel Burnable Absorbers present in each fuel assembly such that the maximum reference fuel assembly k_{∞} is less than or equal to 1.470 at 68°F.

b. REGION 2

1. A nominal 9.03 inch center-to-center distance is maintained between fuel assemblies placed in the spent fuel storage racks.
2.
 - a) Fuel assemblies may be stored in this region with a maximum nominal initial U-235 enrichment of 1.6 weight percent with no burnup and up to 5.0 weight percent U-235 with a minimum discharge burnup as specified in Figure 5.6-1, or
 - b) Fuel assemblies with a maximum nominal initial U-235 enrichment of greater than 1.6 and less than or equal to 4.2 weight percent that do not meet the minimum burnup specified in Figure 5.6-1, shall be loaded in a checkerboard pattern for storage in this region.

5.6.1.2 The k_{eff} for new fuel for the first core loading stored dry in the spent fuel storage racks shall not exceed 0.98 when aqueous foam moderation is assumed.

DRAINAGE

5.6.2 The spent fuel storage pool is designed and shall be maintained to prevent inadvertent draining of the pool below elevation 423 feet 0 inches.

CAPACITY

5.6.3 The spent fuel storage pool is designed and shall be maintained with a storage capacity limited to no more than 2870 fuel assemblies.

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