

September 26, 1996

Ms. Irene Johnson, Acting Manager
Nuclear Regulatory Services
Commonwealth Edison Company
Executive Towers West III
1400 Opus Place, Suite 500
Downers Grove, IL 60515

SUBJECT: SAFETY EVALUATION FOR TOPICAL REPORT EMF-96-021(P), REVISION 1,
"APPLICATION OF THE ANFB CRITICAL POWER CORRELATION TO CORESIDENT GE
FUEL FOR LASALLE UNIT 2 CYCLE 8" (TAC NO. M94964)

Dear Ms. Johnson:

By letter dated March 8, 1996, Commonwealth Edison Company (ComEd) submitted Topical Report EMF-96-021(P), Revision 1, for review. The submittal describes the application of the ANFB critical power correlation to the coresident GE9 fuel for LaSalle County Station, Unit 2, cycle 8. In the upcoming cycle (cycle 8), ComEd will utilize previously exposed GE9 fuel as well as fresh ANFB fuel assemblies at LaSalle, Unit 2. ComEd will use the NRC-approved ANFB critical power correlation to establish and monitor the Minimum Critical Power Ratio limits for both the Siemens Power Corporation fuel and the coresident GE9 fuel. A supplemental response dated July 2, 1996, was submitted in response to our request for additional information dated June 13, 1996.

The NRC staff has reviewed the topical report and the supplemental submittal and has concluded that the LaSalle, Unit 2, cycle 8 core reload design regarding application of the ANFB critical power correlation to coresident GE9 fuel is acceptable. Details of our review are provided in the enclosed safety evaluation. This action closes TAC No. M94964.

Sincerely,

Original signed by:

Donna M. Skay, Project Manager
Project Directorate III-2
Division of Reactor Projects - III/IV
Office of Nuclear Reactor Regulation

Docket No. 50-374

Enclosure: Safety Evaluation

cc w/encl: see next page

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