



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

Docket File  
50-373

March 14, 1996

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: REVIEW OF INDIVIDUAL PLANT EXAMINATION SUBMITTAL-INTERNAL EVENTS -  
LASALLE COUNTY NUCLEAR POWER STATION, UNITS 1 AND 2 (TAC NOS. M74425  
AND M74426)

Dear Mr. Farrar:

By letter dated April 28, 1994, you responded to Generic Letter (GL) 88-20, "Individual Plant Examinations for Severe Accident Vulnerabilities," and Supplements 1, 2, 3, and 4, thereto. The staff has completed its initial review of the LaSalle Individual Plant Examination (IPE) submittal for internal events and internal flooding. The results of the review are enclosed and consist of a Staff Evaluation Report (Enclosure 1) and a Technical Evaluation Report (Enclosure 2). Your submittal also addressed the Individual Plant Examination for External Events (IPEEE) in response to Supplement 4 to GL 88-20. Our review of the external events portion will be addressed in separate correspondence.

The LaSalle IPE submittal did not identify any severe accident vulnerabilities associated either with core damage or poor containment performance. Based on our review of the IPE submittal and associated documentation, we conclude that Commonwealth Edison Company (ComEd) has met the intent of GL 88-20, including Supplements 1, 2, and 3.

The staff has identified several weaknesses in the method for common cause and human reliability analysis in other ComEd IPE submittals reviewed thus far (i.e., Zion, Dresden, and Quad Cities). Therefore, you should consider the staff's technical concerns pertaining to these two issues (documented in the SERs for the Zion, Dresden, and Quad Cities IPEs) in the LaSalle IPE update, as appropriate.

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D. Farrar

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Generic Letter 88-20 suggested that licensees could use their IPE submittal to address, among other safety issues, Unresolved Safety Issue A-45, "Shutdown Decay Heat Removal Requirements". Your IPE submittal adequately resolves this issue for LaSalle County Station, Units 1 and 2.

If you have any questions or comments, please contact me at (301) 415-3023.

Sincerely,

Original signed by:

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

Docket Nos. 50-373, 50-374

Enclosures: 1. Staff Evaluation Report  
2. Technical Evaluation Report

cc w/encls: see next page

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Commonwealth Edison Company

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