

February 1, 1996

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

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION ON PENDING LICENSE AMENDMENTS  
TO REMOVE THE MSIV-LCS - LASALLE, UNITS 1 AND 2 (TAC NOS. M93597  
AND M93598)

Dear Mr. Farrar:

In the course of our review of your request to remove the main steamline isolation valves (MSIV) leakage control system (LCS) for LaSalle County Station, Units 1 and 2, dated August 28, 1995, we have identified a need for additional information. The enclosure to this letter contains our request for additional information (RAI).

This RAI was discussed with Commonwealth Edison Company (ComEd) personnel and your consultants in a telephone conference on January 23, 1996, and was developed in the NRC staff's review of your letter dated December 15, 1995.

This requirement affects nine or fewer respondents and, therefore, is not subject to Office of Management and Budget review under P.L. 96-511.

If you have any questions on this RAI, please contact M. D. Lynch at (301) 415-3023.

Sincerely,

Original signed by:

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

9602060379 960201  
PDR ADOCK 05000373  
P PDR

Docket Nos. 50-373, 50-374

Enclosure: RAI

cc w/encl: See next page

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DOCUMENT NAME: LASALLE/LA93597.RAI

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D. L. Farrar  
Commonwealth Edison Company

LaSalle County Station  
Unit Nos. 1 and 2

cc:

Phillip P. Steptoe, Esquire  
Sidley and Austin  
One First National Plaza  
Chicago, Illinois 60603

Robert Cushing  
Chief, Public Utilities Division  
Illinois Attorney General's Office  
100 West Randolph Street  
Chicago, Illinois 60601

Assistant Attorney General  
100 West Randolph Street  
Suite 12  
Chicago, Illinois 60601

Michael I. Miller, Esquire  
Sidley and Austin  
One First National Plaza  
Chicago, Illinois 60603

U.S. Nuclear Regulatory Commission  
Resident Inspectors Office LaSalle Station  
2605 N. 21st Road  
Marseilles, Illinois 61341-9756

Document Control Desk-Licensing  
Commonwealth Edison Company  
1400 Opus Place, Suite 400  
Downers Grove, Illinois 60515

Chairman  
LaSalle County Board of Supervisors  
LaSalle County Courthouse  
Ottawa, Illinois 61350

Attorney General  
500 South Second Street  
Springfield, Illinois 62701

Chairman  
Illinois Commerce Commission  
Leland Building  
527 East Capitol Avenue  
Springfield, Illinois 62706

Illinois Department of Nuclear Safety  
Office of Nuclear Facility Safety  
1035 Outer Park Drive  
Springfield, Illinois 62704

Regional Administrator  
U.S. NRC, Region III  
801 Warrenville Road  
Lisle, Illinois 60532-4351

LaSalle Station Manager  
LaSalle County Station  
Rural Route 1  
P.O. Box 220  
Marseilles, Illinois 61341

REQUEST FOR ADDITIONAL INFORMATION  
REGARDING THE DELETION OF THE MAIN STEAMLINE ISOLATION VALVE  
LEAKAGE CONTROL SYSTEM  
LASALLE COUNTY STATION, UNITS 1 AND 2  
DOCKET NOS. 50-373 AND 50-374

1. Confirm that all references to the BWR Owners Group's (BWROG) earthquake experience database will be deleted from the pending amendment request to remove the main steamline isolation valve (MSIV) leakage control system (LCS).
2. Provide a clear description of the MSIV alternate leakage treatment (ALT) path and indicate which portions you take credit for in your radiological dose model. Provide assurance of the reliability of the entire ALT path, including all of its boundary valves. Additionally, state whether all the motor-operated valves which are a part of the ALT path will be included in the plant Inservice Testing Program.
3. Provide an independent summary of the seismic analysis of subsystems 2MS-31B and 2MS-5, which you have stated in your letter dated December 15, 1995, to have been seismically analyzed. The summary should include, as a minimum, the following:
  - a) The basis for selecting these two subsystems as being the representative lines.
  - b) A clear functional and physical description of these two lines including their routing, materials of construction, diameters, and thicknesses.
  - c) Their analysis methodology and design criteria.
  - d) The seismic input motions and design loadings used in their seismic analysis.
  - e) A description of the computer codes used in the seismic analysis.
  - f) A general summary of the analysis which leads you to conclude that the piping system is seismically adequate, including a discussion of the pipe stresses and support loads, as well as a comparison with the corresponding allowables and capacities.
4. Provide a summary in tabular form for the evaluation of all piping supports included in the MSIV ALT path, including the calculated safety margins for the design loads using deterministic analysis methodology. In revising your submittal on this item, you should recognize that the

ENCLOSURE

NRC has not approved the methodology in the Electric Power Research Institute (EPRI) Report, NP-6041. Accordingly, this methodology is not acceptable in the seismic analysis of the ALT system piping and the associated piping supports.

5. Provide an evaluation demonstrating that the structural components of the condenser are seismically adequate. The potentially significant adverse effects due to components of the condenser impacting on the adjacent foundation piers should also be addressed and resolved.
6. Since the GIP methodology contained in the USI A-45 program is not applicable to piping, provide a separate seismic analysis summary, similar to Item 3 above, for the pressure sensing line which was not seismically analyzed.
7. Confirm that all the hardware modifications and actions necessary for resolving these issues will be completed prior to the restart of the plant from the current outage.