



Commonwealth Edison
1400 Opus Place
Downers Grove, Illinois 60515

February 7, 1991

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Subject: LaSalle County Station Units 1 and 2
Supplement to In-service Testing Program
Relief Request P.V-57
NRC Docket Nos. 50-353 and 50-354

Reference: (a) W.E. Morgan letter to NRC dated June 7, 1990.

Dear Sir:

Reference (a) submitted Commonwealth Edison's LaSalle County Station In-service Testing Program Relief Request RV-57. Relief was requested for the Emergency Fuel Pool Makeup Crosstie Vent Valves because the necessary testing required by ASME Section XI, 1980 Edition through Winter '80' Addenda, could not be performed.

Upon review of this request by your staff, additional information was requested. The following attachment provides the requested information.

Please direct any questions you may have regarding this matter to this office.

Very truly yours,

W.E. Morgan
Nuclear Licensing Administrator

cc: J. Hickman - Project Manager, NRR
Senior Resident Inspector - LSCS

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VALVE RELIEF REQUEST/
COLD SHUTDOWN JUSTIFICATION: RV-57

APPROVAL/REFERENCE DOCUMENT(S): DRAFT
1. OSR-90-17
2. OSR-91-04

AFFECTED COMPONENT(S):

<u>COMPONENT EPN</u>	<u>CLASS / CATEGORY</u>	<u>FUNCTION</u>
1(2)E12-F097	3 / B	Fuel Pool Emergency Makeup Crosstie Vent

ASME SECTION XI TEST REQUIREMENT: Stroke Time Power Operated Valves, IWV-3413

BASIS FOR RELIEF: The emergency fuel pool makeup system provides an emergency source of water to the fuel pool and also provides containment flooding water for post accident recovery. To prevent inadvertent injection of lake water into the reactor or spent fuel pool, spool pieces are installed on the outlet of the emergency makeup pumps for isolation. These spool pieces are located in the DG/AUX building and installed in case of an accident.

The 'B' fuel pool emergency makeup pump will supply water for containment floodup or a maximum of 300 gpm of emergency makeup water to the fuel pool. When the 'B' fuel pool emergency makeup pump is utilized for containment flooding, it is not available for fuel pool makeup. If makeup water was required for the fuel pool at the same time containment flooding was in progress, the 'A' fuel pool emergency makeup pump could be used to supply water to the fuel pool.

The emergency makeup line for containment flooding is connected to the 'B' residual heat removal loop via two normally closed motor operated gate valves (F093 and F094) and a testable check valve (F089).

The F097 is a solenoid operated valve installed in the vent line between the F093 and F094 valves. Valve F097 is small (.875"), therefore flow loss thru the F097 valve and associated vent line would be minimal if this valve would fail open during containment floodup. The F097 valve does not have a control switch and is interlocked with the control switches of F093 and F094. Each control switch has a contact in series with the solenoid of the F097 valve. These contacts close when the associated control switch is in the closed position. When the control switches for F093 and F094 are closed, the F097 valve will open. If the control switch for F093 and/or F094 is open, the F097 valve will close.

There are no position indicator switches that provide for remote indication of valve position. Therefore, there is no way to stroke time the valve. Furthermore, there is no specific required functional value of full-stroke time for the valve; as long as the valve closes, its function is demonstrated.

ALTERNATIVE TEST: Perform an exercise test on a quarterly basis per IWV-3412 to verify valve operability.