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August 27, 1982

Mr. James G. Keppler, Regional Administrator
Directorate of Inspection and
Enforcement - Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Subject: LaSalle County Station, Units 1 and 2
10CFR50.55e #82-06 Final Report
Flexible Hoses on ADS Accumulators
NRC Docket Nos. 50-373 and 50-374

Reference (a): R. H. Holyoak letter to J. G. Keppler
dated August 9, 1982, "Reportable
Occurrence Report #82-075/03L-0."

Dear Mr. Keppler:

Commonwealth Edison notified Region III on July 29, 1982 of a reportable deficiency on Unit 2 in accordance with 10CFR50.55e. This letter is the 30 day report required for this deficiency.

Description of Deficiency

As the result of a problem in Unit 1 (see Reference (a)), a review was made of the hoses in the Unit 2 containment. The seven ADS hoses specified were for 200^oF service, although the post-LOCA containment design temperature is 340^oF. The original design intention was to employ ASME Section III hoses for the ADS application, however they were not available at the time of purchase. The Equipment Specialty List was then revised to reclassify the hoses as Class D to permit purchase (see Note 16 to FSAR Table 3.2-1). Because these hoses were specified as Class D, the post-LOCA environmental conditions were overlooked.

Corrective Action

On Unit 1, the ADS hoses were replaced with flexible metal hoses that meet the design conditions. The Specialty List will be revised to show these hoses as safety-related, and if future replacement is necessary ASME Section III hoses will be installed. It was noted that in addition to the safety related ADS hose, there were many other similar hoses in the containment performing non-safety related functions. In order to increase unit reliability all hoses inside primary containment were replaced with the same flexible metal hose.

For Unit 2, the Specialty List will be revised to show these ADS hoses as safety-related, and ASME Section III hoses will be installed prior to initial fuel load. The non safety related hoses inside primary containment on Unit 2 will also be changed to the metal flexible type now installed on Unit 1.

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To ensure that this was an isolated case two actions were taken. First, the entire speciality list was reviewed for any similar cases. In addition, a thorough inspection of the drywell was made by a team of Commonwealth Edison and Sargent & Lundy personnel. Neither of these actions resulted in additional findings of non-qualified material in safety-related applications.

Because the planned corrective action has been developed and documented above, this is considered the final report on this issue.

Please address any further questions concerning this matter to this office.

Very truly yours,

CW Schroeder 8/27/82

C. W. Schroeder
Nuclear Licensing Administrator

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cc: Director of Insp. and Enf.
Washington, D.C. 20555
NRC Resident Inspector - LSCS

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