



Commonwealth Edison
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9-703

October 8, 1980

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

Subject: LaSalle County Station Unit 1
Small Pipe Hanger Design Deficiency
10 CFR 50.55(e) Final Report
NRC Docket No. 50-373

Reference (a): J. S. Abel letter to J. G. Keppler dated
September 26, 1980

Dear Mr. Keppler:

Commonwealth Edison notified Mr. Cordell Williams of your office on September 10, 1980, of safety related 2" & under pipe hanger deficiencies at LaSalle County Station Unit #1. Specifically, a recent NRC inspection at the site identified the following items associated with 2" and under pipe hanger design work:

- (1) Design work was being performed using guidelines in lieu of approved procedures.
- (2) Design review standards were not being maintained as controlled documents.
- (3) Site oriented training of personnel involved in design was not being documented.
- (4) Interface documents were not formally established to control the design review process.
- (5) QA audits had not been completed to cover the design activities at the site.

Due to these deficiencies, documented calculations for the support steel and load and location do not exist for a portion of the safety related 2" & under pipe hangers. Approximately 543 piping subsystems are involved in this problem. The existing review program has been more clearly documented to assure that the A-E reviews the installed hangers and performs calculations where

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necessary to document the adequacy of the hangers. The items noted by the NRC have been corrected. The Commonwealth Edison QA Dept. has performed extensive audits in the area of design control and review. In addition, a surveillance program to monitor the continuing work has been instituted.

Although these problems reflect upon the adequacy of the Quality Assurance program applicable to the small bore pipe hangers, it is judged based on the follow-up audits performed and the findings uncovered and reported to the NRC, that the QA deficiencies to the extent they exist were limited to the field design interface associated with small bore pipe hangers. The corrective action discussed with the NRC (Region III) on August 29 and September 5, 1980 are expected to resolve these apparent deficiencies and will be the basis for closing this report under 10 CFR 50.55(e).

In this regard, the program for reporting progress on the corrective action to be taken was discussed in the meeting with your staff on September 5, 1980. It was subsequently agreed by Commonwealth Edison that periodic reports would be submitted to discuss the progress of the work. As mandated by your Staff, these reports will be initiated two weeks after receipt of the formal NRC inspection report. This inspection report has not been received as of the date of this letter.

Because the commitment to formal reporting of progress on corrective action has been documented in Item 3 of the Enclosure to Reference (a), no further reports under 10 CFR 50.55(e) are judged necessary. This conclusion is supported by the fact that a comprehensive review of the subject deficiencies has already been completed by your staff and the primary purpose of the future reports is to provide a completion status.

If there are any further questions in this regard, please direct them to this office.

Very truly yours,

L. O. DelGeorge

L. O. DelGeorge
Nuclear Licensing Administrator
LaSalle County Station

LOD/rap
cc: Director of Inspection and Enforcement, DC
RIII Inspector LSCS