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May 23, 1979

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

Subject: Supplemental Response to IE Bulletin 77-07
LaSalle County Station Units 1 and 2
NRC Docket Nos. 50-373 and 50-374

Reference (a): D. E. O'Brien letter to J. G. Keppler
dated January 20, 1978

Dear Mr. Keppler:

The Commonwealth Edison response to IE Bulletin 77-07 submitted to your office in Reference (a), indicated that a response for LaSalle County Station would be made after the penetration tyre for LaSalle County Units 1 and 2 had been fixed. Attached is the response for LaSalle County Station.

Very truly yours,

M. J. Naughton

for

L. O. DelGeorge
Nuclear Licensing Administrator

attachment

cc: Office of Inspection and Enforcement
Division of Reactor Construction Inspection

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ATTACHMENT

LASALLE COUNTY STATION
RESPONSE TO IE BULLETIN 77-07

NOTE: The following responses are keyed to the questions in IE Bulletin 77-07. Where the LaSalle County response is identical to that submitted in the D. E. O'Brien letter to J. G. Keppler dated January 20, 1978, attention is directed to that letter as Reference (a).

- 1.0 All the safety-related penetrations ordered for LaSalle County Unit 1 are manufactured by Conax Corporation, and the design is a pressure fitting which does not use the epoxy seal described in the bulletin. Therefore, the Unit 1 safety-related penetrations will not be addressed further in this report. The qualification requirements for these penetrations can be determined by reference to FSAR Table 3.10-1.

All the safety-related penetrations ordered for LaSalle County Unit 2 are manufactured by Amphenol Sams Division of Bunker Ramo Corporation. This design does employ the epoxy seal with a pressure barrier as described in the bulletin.

In addition, there are several one (1) inch penetrations for lighting and communication used on Units 1 and 2 which are manufactured by Amphenol. These penetrations do not carry safety-related cable.

1.1 See Item 1.0 above.

1.2 See Reference (a).

- 2.0 The Amphenol penetration assemblies for LaSalle County Station have been manufactured and shipped to the site, except for penetrations 2B33-5301 and 2B33-5302. Several of the penetrations were received with 0 psi nitrogen pressure. Since arrival at the site, pressure has been maintained on all penetrations. This pressure will also be maintained during and after installation to manufacturer's instructions. Before installation, any penetration assembly that was received with 0 psi nitrogen pressure will be inspected by the manufacturer to insure no moisture is present in the assembly. The safety-related penetrations will be installed with an automatic pressure system.

The one (1) inch non safety-related lighting and communication penetrations will not be installed with an automatic pressure system because they have maintained their design pressure over very long periods. Normal periodic surveillance of penetration pressure will insure that design requirements are satisfied.

3.0 See Reference (a) and Item 2.0 above.

3.1 The functional requirements and the reference documents listed in the penetration procurement specification (S&L Specification J-2552) identify the design reviews, analyses and tests required to insure that the penetrations will perform their design function under LOCA conditions. The FSAR Sections 3.10 and 3.11 contains a detailed discussion of the qualification requirements.

3.2 See Reference (a).

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