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 DENTON, H. R. Officer of Nuclear Reactor Regulation, Director

SUBJECT: Provides addl info re installation of Containment Isolation Valve OCR-301, as suppl. to util. 801210 ltr. Valve will be installed during scheduled 1982 refueling outage. Diagram encl.

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October 16, 1981
AEP:NRC:0405A



Donald C. Cook Nuclear Unit Nos. 1 and 2
Docket Nos. 50-315 and 50-316
License Nos. DPR-58 and DPR-74
Containment Isolation Valve QCR-301

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Denton:

This letter provides additional information concerning the installation of Containment Isolation Valve QCR-301 and supplements our December 10, 1980 letter (AEP:NRC:0449).

The NRC Safety Evaluation Report on our TMI-2 activities dated March 20, 1981 required that item 2.1.4 of the Technical Specifications be modified to classify the letdown orifice isolation valves as containment isolation valves. In our letter of December 10, 1980 (AEP:NRC:0449), we proposed the addition of another Containment Isolation Valve in the CVCS letdown line rather than this reclassification. This design change is necessary due to the relatively high exposures anticipated to personnel required to perform 10 CFR 50 Appendix J leak rate testing for the orifice valves.


The attached figure shows the intended location of this isolation valve together with its leak testing connection. The valve will be leak-rate tested in accordance with 10 CFR 50 Appendix J requirements, and operability tested as required by Technical Specifications issued on August 25, 1981. In accordance with our containment isolation design criteria in the FSAR, the valve is located as close to the containment penetration as reasonably practical. The control circuit design is the same as that utilized on the other Containment Isolation Valves at Cook Plant and is powered from the other redundant electrical safeguards train rather than from the existing in-series letdown isolation valve power train.

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This installation of QCR-301 will allow convenience of access to perform the required testing. A refueling outage is required for installation of this modification. The valve and its associated equipment including solenoids, cables, etc., will be installed during the scheduled 1982 refueling outages of both Units 1 and 2.

This document has been prepared following Corporate procedures which incorporate a reasonable set of controls to insure its accuracy and completeness prior to signature by the undersigned.

Very truly yours,


R. S. Hunter
Vice President

/os

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