

Central file

INDIANA & MICHIGAN POWER COMPANY

P. O. BOX 18
BOWLING GREEN STATION
NEW YORK, N. Y. 10004

September 14, 1979
AEP:NRC:00238B

Donald C. Cook Nuclear Plant Unit Nos. 1 and 2
Docket Nos. 50-315 and 50-316
License Nos. DPR-58 and DPR-74
IE Bulletin No. 79-14, As Amended and Supplemented

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

Dear Mr. Keppler:

This letter provides further update of our efforts to comply with IE Bulletin No. 79-14, as amended and supplemented ('the bulletin').

The bulletin requires verification of conformance between the design documentation of Seismic Category I Safety-Related (SC-I) piping systems and the "as-built" condition of those systems. Field inspection of the accessible portions of SC-I systems continues. As of this letter, inspection of the accessible portion of the following systems has been completed:

UNIT NO. 1

Residual Heat Removal,
Safety Injection,
Component Cooling Water,
Essential Service Water,
Chemical Volume and Control (>89% by footage),
Containment Spray (>43% by footage), and
Emergency Diesel Generator Systems (fuel oil, lubricating oil and jacket water)

UNIT NO. 2

Component Cooling Water
Safety Injection

ACIL
2

SEP 17 1979
7910040 506

60

In general, we have observed a high degree of conformance between our design documentation and the "as-built" piping systems. As expected, no discrepancy, noted by field inspection, reviewed to date has had an adverse effect on the seismic analysis.

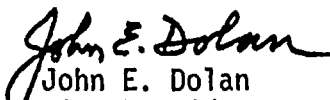
Our inspection of the Unit No. 2 Component Cooling Water and Safety Injection Systems, although revealing excellent agreement between the actual condition of the piping systems and the "as-built" drawings contained in our documentation packages, has also revealed several discrepancies which we consider sufficient reason to initiate inspection of the remaining accessible Unit No.2 systems.

Your staff requested from us a description of the field inspection methods being employed. We give such description below.

The field inspection teams consist of a minimum of two persons. The inspection team takes "as-built" measurements of the piping system and notes these dimensions on the field inspection drawing(s). The location of each piping support/restraint is noted on the field inspection drawing. Each support/restraint is compared with the design hanger/restraint detail drawing to verify that the correct support/restraint has been properly installed. Clearances below predetermined limits between the pipe/insulation and penetrations and/or sleeves as well as those between the pipe and abutting structures such as conduits, piping, and structural members are noted in the field inspection drawings. All field inspection data are recorded and processed in accordance with approved procedures. The measurement tolerances utilized in the field inspection are conservatively smaller than the tolerances inherent in the seismic analyses. Thus, the "as-built" information recorded during field inspection is well within the accuracy required by the seismic analysis.

To better meet the requirements of the bulletin, a sizable contingent of outside experienced persons have been contracted to assist us in the field inspection effort and in the seismic review process. The addition of these persons to our inspection team should result in the expeditious completion of the field verification and evaluation effort.

Very truly yours,


John E. Dolan
Vice President

JED:em

cc: R. C. Callen
V. Stello -NRC
D. G. Eisenhut -NRC
G. Charnoff
R. S. Hunter
R. W. Jurgensen
D. V. Shaller -Bridgman