

Central file

INDIANA & MICHIGAN POWER COMPANY

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

September 24, 1979
AEP:NRC:00265

Donald C. Cook Nuclear Plant Units 1 and 2
Docket Nos. 50-315 and 50-316
License Nos. DPR-58 and DPR-74
IE Bulletin 79-18

Mr. James G. Keppler, Director
Officer of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region III
Glen Ellyn, Illinois 60137

Dear Mr. Keppler:

This letter responds to your letter of August 7, 1979 which we received on August 14, 1979 and which transmitted to us the subject Bulletin.

The attachment to this letter contains the written report required by Item 3 of the bulletin.

Very truly yours,

John E. Dolan
John E. Dolan
Vice President

JED:em

cc: R. C. Callen
G. Charnoff
R. S. Hunter
R. W. Jurgensen
D. V. Shaller
Office of Inspection and Enforcement-NRC Washington

AOL
2

SEP 27 1979 60
7910150 898

ATTACHMENT TO
AEP:NRC:00265

To determine the relative audibility of the plant evacuation announcement (PA) system, a complete survey of all accessible plant areas was taken. An individual stationed in an area judged to be the highest in noise level was paged over the PA system, to determine if the paging call could be heard above the noise. Each of the plant's 92 PA stations were thus checked. In some cases, the PA unit's volume control was at its highest setting, yet the call could not be heard. In these cases, additional PA speakers will be installed. A number of defective PA's were also detected during this survey.

* In especially noisy areas, such as between the Unit 1 and 2 condensers, excessive PA sound pressure levels would be needed to insure audibility of an evacuation announcement. In these cases, a flashing strobe light visual signal will be installed to supplement the PA announcement.

Because of the relatively few number of PA speakers per area, excessive sound levels from each unit are needed at present. With the number of speakers (and PA units) to be added, a more even distribution of sound will result without excessive levels from individual PA speakers.

Based on the findings of the plant survey, these specific corrective actions will be taken to ensure that adequate audible/visual evacuation signals exist in all plant areas.

1. The existing evacuation alarm system shall be expanded to include:

- 71 additional PA speakers
- 17 additional PA stations
- 26 strobe lights in high noise areas

Measures have been initiated to install the above equipment.

2. A job order has been issued to repair the PA's that were found to be defective during the survey.

IE Bulletin 79-18, Item 4 under actions to be taken by Licensee, states that for all accessible areas, all corrective actions must be completed within 120 days of issuance of this Bulletin. Every effort will be made to try to meet the bulletin schedule.

With respect to inaccessible areas, we plan to perform the Unit 2 survey during the upcoming refueling outage and the Unit 1 survey during the late Spring 1980 refueling outage. Necessary modifications, based on the results of the survey and the nature of the inaccessible areas, will be completed during the subsequent refueling outages.