



June 6, 2000

C0600-05

Docket Nos.: 50-315  
50-316

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Mail Stop O-P1-17  
Washington, DC 20555-0001

Donald C. Cook Nuclear Plant Units 1 and 2  
SEISMIC MONITORING SPECIAL REPORT

In accordance with Donald C. Cook Nuclear Plant Unit 1 and Unit 2 Technical Specifications (T/S) 3.3.3.3.b and 6.9.2.a, this Special Report is submitted to inform you that the Strong Motion Triaxial Accelerograph Time History Recorder, 12-SMIC-ACL-1, located on the floor of the Unit 1 reactor pit under the reactor vessel, will be inoperable for more than the 30 days allowed by T/S 3.3.3.3.a.

The seismic monitoring instrumentation is required to be operable at all times, and is a shared system between Units 1 and 2. On May 22, 2000, during the performance of the monthly surveillance on the seismic monitoring instrumentation for both units, 12-SMIC-ACL-1 failed its monthly channel functional test and was declared inoperable. The surveillance was successfully completed for all other seismic monitoring instrumentation. Through troubleshooting activities, it was determined that the control room seismic recorder and the signal cable for 12-SMIC-ACL-1 are functional and that the problem is with the accelerograph itself.

Unit 1 is currently defueled and the nuclear incore instrumentation thimble tubes are retracted to the undervessel area, creating a high radiation area. The thimble tubes will not be inserted into the vessel until fuel is reloaded.

The installed thimble tubes are scheduled to be replaced prior to Unit 1 core reload and when this is complete, the radiation levels will then permit entry into the reactor pit area. Repair/replacement of the accelerograph will be completed prior to Unit 1 Mode 4 entry.

Attachment 1 identifies those actions committed to by Indiana Michigan Power Company in this submittal.

Should you have any questions, please contact Mr. Robert C. Godley, Director of Regulatory Affairs, at (616) 466-2698.

Sincerely,

A handwritten signature in black ink, appearing to read "A. Christopher Bakken, III". The signature is fluid and cursive, with a large, stylized initial "A" and "B".

A. Christopher Bakken, III  
Site Vice President

/dms

c: J. E. Dyer  
MDEQ - DW & RPD, w/o attachment  
NRC Resident Inspector  
R. Whale, w/o attachment

ATTACHMENT 1 TO C0600-05

COMMITMENT

The following table identifies those actions committed to by Indiana Michigan Power Company (I&M) in this submittal. Other actions discussed in the submittal represent intended or planned actions by I&M. They are described to the Nuclear Regulatory Commission (NRC) for the NRC's information and are not regulatory commitments.

COMMITMENT	DATE
Completion of repair or replacement of the accelerograph	Prior to Unit 1 Mode 4 entry