

This preliminary notification updates and clarifies information previously provided.

Facility: Palisades Nuclear
Power Station
Covert, MI

Licensee Emergency Classification
General Emergency _____ Site Area Emergency _____
Alert _____ Unusual Event _____ N/A X

Docket No. 50-255

Subject: EARLY START TO REFUELING OUTAGE TO CORRECT MSIV DESIGN DEFICIENCY (Update)

On February 6, 1992, the licensee shut the unit down in accordance with the commitments made in a Temporary Waiver of Compliance granted by the NRC on February 5, 1992, to correct a recently discovered design deficiency involving the Main Steam Isolation Valves (MSIVs). The licensee determined that the corrective action to the design deficiency was not practical with the plant at power operations.

The design deficiency involved inadequate physical and electrical separation of components required to operate the MSIVs. A possible steam line break sequence could prevent the operation of solenoid valves which are needed to close the MSIVs. A proposed corrective action involved providing an alternate power supply to a pair of physically separate solenoid valves in the turbine building. Detailed reviews identified concerns with working on continuously-energized circuits. Also, the solenoid valves in the turbine building were not designed with dual-channel logics. Single failure design would necessitate adding more valves and tapping into a pneumatic system which requires continuous pressurization for MSIV operability. These difficulties prompted the onsite safety review committee to reject attempting the work while at power. This decision, reached late on February 6, invoked the provision of the waiver that it be terminated upon a finding that a fix could not be completed within the waiver period.

On February 7, 1992, the licensee decided to begin the unit's refueling outage immediately, about two weeks ahead of its scheduled February 22 start. The licensee will correct the deficiency during the refueling outage, which is expected to last about 70 days.

The State of Michigan will be notified. The information in this preliminary notification has been reviewed with licensee management.

Region III (Chicago) was informed of the licensee's decision to begin the refueling outage early on February 7, 1992. This information is current as of 11 a.m., February 10, 1992.

CONTACT: E. Jorgensen
388-5689

W. D. Shafer
388-5656

5202180164 920207
PDR I&E
PNO-III-92-05A PDR

DISTRIBUTION:

HEADQUARTERS OFFICES
The Chairman 1:20 NMSS
Comm. Rogers GPA:SP
Comm. Curtiss GPA:PA
Comm. Remick GPA:CA
Comm. de Planque
EDO *OIG 1:19
Gen. Counsel *ASLAP
NRR Research
AEOD IRM
Enforcement ACRS

REGIONS
Region I
Region II
Region IV
Region V

MAIL TO:
DCS (Orig)
DOT (Trans.
Only)

FAX TO:

INPO 1:01 NSAC 1:05 LIC 1:30
NRC OPS CTR 12:56
PDR (8/634-3343) 12:58

*Denotes a Displaywriter/PC not an IBM 5520 Terminal.

TM
BC for EG

PCD

I-234
0/1

110019