

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
OFFICE OF NUCLEAR REACTOR REGULATION  
WASHINGTON, D.C. 20555

April 26, 1988

NRC INFORMATION NOTICE NO. 88-19: QUESTIONABLE CERTIFICATION OF  
CLASS 1E COMPONENTS

Addressees:

All holders of operating licenses or construction permits for nuclear power reactors.

Purpose:

This information notice is being provided to alert addressees to a possible problem with the certification of Class 1E components furnished by Planned Maintenance Systems (PMS) of Mt. Vernon, Illinois. It is expected that recipients will review the information for applicability to their facilities and consider actions, as appropriate, to avoid similar problems. However, suggestions contained in this information notice do not constitute NRC requirements; therefore, no specific action or written response is required.

Description of Circumstances:

On April 1, 1988, Wolf Creek Nuclear Operating Corporation (WCNOC) submitted a written 10 CFR Part 21 Notification to NRC Region IV concerning 60 Class 1E fuses that had been procured from PMS. One of the requirements of the purchase order (PO) issued to PMS was that the PO items were to be supplied in accordance with the requirements of a specific fuse qualification specification for Class 1E equipment. This specification contained detailed requirements including materials, environmental qualification, seismic qualification, and inspection/test requirements. The PMS Certificate of Compliance supplied with the order certified that all of the procurement document requirements had been met and no deviations from the requirements had been identified.

The fuses were placed on hold by WCNOC because a required Quality Department surveillance had not been performed. A subsequent WCNOC surveillance revealed that the records in PMS's possession did not support the statement on the PMS Certificate of Compliance that all PO requirements had been met. Qualification specification requirements were not covered by PMS quality assurance records with respect to information on environmental qualification, radiation levels, and seismic qualification. In addition, it could not be established that a required continuity/resistance check of each fuse had been performed before the fuses were shipped.

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Discussion:

The WCNOG 10 CFR Part 21 notification has brought into question the validity of the Certificate of Compliance issued by PMS for Class 1E fuses that they supplied. Accordingly, licensees may wish to review Class 1E component procurements from this vendor to ensure that appropriate bases exist for the use of the components.

No specific action or written response is required by this information notice. If you have any questions about this matter, please contact the technical contact listed below or the Regional Administrator of the appropriate regional office.

*Charles E. Rossi*  
Charles E. Rossi, Director  
Division of Operational Events Assessment  
Office of Nuclear Reactor Regulation

Technical Contact: Joseph J. Petrosino, NRR  
(301) 492-0979

Attachment: ~~List of Recently Issued NRC Information Notices~~

LIST OF RECENTLY ISSUED  
NRC INFORMATION NOTICES

Information Notice No.	Subject	Date of Issuance	Issued to
88-18	Malfunction of Lockbox on Radiography Device	4/25/88	All NRC licensees authorized to manufacture, distribute, and/or operate radio- graphic exposure devices.
88-17	Summary of Responses to NRC Bulletin 87-01, "Thinning of Pipe Walls in Nuclear Power Plants"	4/22/88	All holders of OLs or CPs for nuclear power reactors.
88-16	Identifying Waste Generators in Shipments of Low-Level Waste to Land Disposal Facilities	4/22/88	Radioactive waste collection and service company licensees handling prepackaged waste, and licensees operating low-level waste disposal facilities.
88-15	Availability of U.S. Food and Drug Administration (FDA)-Approved Potassium Iodide for Use in Emergencies Involving Radioactive Iodine	4/18/88	Medical, Academic, and Commercial licensees who possess radioactive iodine.
88-14	Potential Problems with Electrical Relays	4/18/88	All holders of OLs or CPs for nuclear power reactors.
88-13	Water Hammer and Possible Piping Damage Caused by Misapplication of Kerotest Packless Metal Diaphragm Globe Valves	4/18/88	All holders of OLs or CPs for nuclear power reactors.
88-12	Overgreasing of Electric Motor Bearings	4/12/88	All holders of OLs or CPs for nuclear power reactors.

OL = Operating License  
CP = Construction Permit

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Transmitted by *→ Partlow to*  
*Rossi memo* dated 4/21/88

\*SEE PREVIOUS CONCURRENCES

D/DOEA:NRR	*C/OGCB:DOEA:NRR	*PPMB:ARM	*D/OI/RIV
CERossi	CHBerlinger	TechEd	DDrisk11
04/22/88	04/22/88	04/22/88	04/22/88
*OGCB:DOEA:NRR	*AC/VIB:DRIS:NRR	*DD/DRIS:NRR	*D/DRIS:NRR
JERamsey	JJPetrosino	BKGrimes	JGPartlow
04/22/88	04/22/88	04/22/88	04/22/88

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dated \_\_\_\_\_

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D/DOEA:NRR  
CERossi  
04/ /88  
OGCB/DOEA:NRR  
JERamsey  
04/22/88  
VIB:DRIS:NRR  
JJPetrosino  
04/22/88

C/OGCB:DOEA:NRR  
CHBerlinger  
04/22/88  
AC/VIB:DRIS:NRR  
JStone  
04/22/88

\*PPMB:ARM  
TechEd  
04/22/88  
DD/DRIS:NRR  
BKGrimes  
04/22/88

D/OI/RIV  
DDrisk11  
04/22/88  
D/DRIS:NRR  
JGPartlow  
04/22/88

\*\* per 10/22/88 Tekon w/ B.Griffin, OI/RIV. JAP 4/22/88

\* B. Hutchison of OI at Headquarters also reviewed and concurred in this information notice. JER 4/22/88