



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
611 RYAN PLAZA DRIVE, SUITE 1000
ARLINGTON, TEXAS 76012

CENTRAL FILES
PDR:HQ
LPDR
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NSIC

Docket No. 50-298

September 14, 1979

Nebraska Public Power District
ATTN: Mr. J. M. Pilant, Licensing &
Quality Assurance Manager
Post Office Box 499
Columbus, Nebraska 68601

Gentlemen:

The enclosed IE Information Notice provides information with regard to a potential unreviewed safety question involving high energy lines and control systems.

Sincerely,

Karl V. Seyfrit
Karl V. Seyfrit
Director

Enclosures:

1. IE Information Notice 79-22
2. List of IE Information Notices Issued in the Last Six Months

cc: L. C. Lessor, Superintendent
Cooper Nuclear Station
Post Office Box 98
Brownville, Nebraska 68321

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT
WASHINGTON, D.C. 20555

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QUALIFICATION OF CONTROL SYSTEMS

Public Service Electric and Gas Company notified the NRC of a potential unreviewed safety question at their Salem Unit 1 facility. This notification was based on a continuing review by Westinghouse of the environmental qualifications of equipment that they supply for nuclear steam supply systems. Based on the present status of this effort, Westinghouse has informed their customers that the performance of non-safety grade equipment subjected to an adverse environment could impact the protective functions performed by safety grade equipment. These non-safety grade systems include:

- Steam generator power operated relief valve control system
- Pressurizer power operated relief valve control system
- Main feedwater control system
- Automatic rod control system

These systems could potentially malfunction due to a high energy line break inside or outside of containment. NRC is also concerned that the adverse environment could also give erroneous information to the plant operators. Westinghouse states that the consequences of such an event could possibly be more limiting than results presented in Safety Analysis Reports, however, Westinghouse also states that the severity of the results can be limited by operator actions together with operating characteristics of the safety systems. Further, Westinghouse has recommended to their customers that they review their systems to determine whether any unreviewed safety questions exist.

This IE Information Notice is provided as an early notification of a possibly significant matter. It is expected that recipients will review the information for possible applicability to their facilities. No specific action or response is requested at this time. If NRC evaluations so indicate, further licensee actions may be requested or required. If you have questions regarding this matter, please contact the Director of the appropriate NRC Regional Office.

No written response to this Information Notice is required.

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LISTING OF IE INFORMATION NOTICES
ISSUED IN 1979

Information Notice No.	Subject	Date Issued	Issued To
79-10	Nonconforming Pipe Support Struts	4/16/79	All power reactor facilities with a Construction Permit (CP)
79-11	Lower Reactor Vessel Head Insulation Support Problem	5/7/79	All Holders of Reactor Operating Licenses (OLs) Construction Permits (CPs)
79-12	Attempted Damage to New Fuel Assemblies	5/11/79	All fuel facilities, research reactors, and power reactors with an Operating Licensee (OL) or a Construction Permit (CP)
79-13	Indication of Low Water Level in the Oyster Creek Reactor	5/29/79	All Holders of Operating License (OL) or Construction Permit (CP)
79-14	NRC Position of Electrical Cable Support Systems	6/11/79	All Power Reactor facilities with a Construction Permit (CP) and applicants
79-15	Deficient Procedures	6/7/79	All Holders of Reactor Operating Licenses (OLs) and Construction Permits (CPs)
79-16	Nuclear Incident at Three Mile Island	6/22/79	All Research Reactors and Test Reactors with Operating Licenses (OLs)
79-17	Source Holder Assembly Damage From Misfit Between Assembly and Reactor Upper Grid Plate	6/20/79	All Holders of Reactor Operating Licenses (OLs) and Construction Permits (CPs)

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79-18	Skylab Reentry	7/5/79	All holders of Reactor Operating Licenses (OLs)
79-19	Pipe Cracks in Stagnant Borated Water Systems at PWR Plants	7/17/79	All Holders of Reactor Operating Licenses (OLs) and Construction Permits (CPs)
79-20	NRC Enforcement Policy NRC Licensed Individuals	8/14/79	All Holders of Reactor Operating Licenses (OLs) and Construction Permits (CPs), Research Reactors, Test Reactors Licensees with Licensed Operators
79-21	Transportation and Commercial Burial of Radioactive Material	9/7/79	All power and research reactors with Operating License (OL)

Enclosure
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