

TIC



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
799 ROOSEVELT ROAD  
GLEN ELLYN, ILLINOIS 60137

SEP 20 1979

MEMORANDUM FOR: Those on Attached List  
FROM: Helen Pappas, Chief, Administrative Branch  
SUBJECT: IE INFORMATION NOTICE NO. 79-22

The attached IE Information Notice No. 79-22, titled, "Qualification of Control Systems" was sent to the following licensees on September 14, 1979, for information:

American Electric Power Service Corporation  
Indiana and Michigan Power Company  
D. C. Cook 1, 2 (50-315, 50-316)

Cincinnati Gas & Electric Company  
Zimmer (50-358)

Cleveland Electric Illuminating Company  
Perry 1, 2 (50-440, 50-441)

Commonwealth Edison Company  
Braidwood 1, 2 (50-456, 50-457)  
Byron 1, 2 (50-454, 50-455)  
Dresden 1, 2 (50-10, 50-237, 50-249)  
La Salle 1, 2 (50-373, 50-374)  
Quad-Cities 1, 2 (50-254, 50-265)  
Zion 1, 2 (50-295, 50-304)

Consumers Power Company  
Big Rock Point (50-155)  
Midland 1, 2 (50-329, 50-330)  
Palisades (50-255)

Dairyland Power Cooperative  
LACBWR (50-409)

Detroit Edison Company  
Fermi 2 (50-341)

1076 052

7910110287

~~7910110~~

SEP 20 1979

Illinois Power Company  
Clinton 1, 2 (50-461, 50-462)

Iowa Electric Light & Power Company  
Duane Arnold (50-331)

Northern Indiana Public Service Company  
Bailly (50-367)

Northern States Power Company  
Monticello (50-263)  
Prairie Island 1, 2 (50-282, 50-306)

Public Service of Indiana  
Marble Hill 1, 2 (50-546, 50-547)

Toledo Edison Company  
Davis-Besse 1 (50-346)

Union Electric Company  
Callaway 1, 2 (50-483, 50-486)

Wisconsin Electric Power Company  
Point Beach 1, 2 (50-266, 50-301)

Wisconsin Public Service Corporation  
Kewaunee (50-305)

The Ohio Edison Company  
Erie 1, 2 (50-580, 50-581)

Sincerely,



Helen Pappas, Chief  
Administrative Branch

Enclosures:

1. IE Information Notice No. 79-22
2. List of IE Information Notices  
Issued in Last  
Six Months

cc w/ encls:

Central Files  
Reproduction Unit NRC 20b  
Local PDR  
NSIC  
TIC  
D. W. Kane, Sargent  
and Luna,

1076 053

TIC

*September 20*

Addressees Memorandum dated ~~August 21~~, 1979

IE Files  
AD/FFMSI/IE  
NMSS/FCSL (AD)  
NMSS/FCWM (AD)  
NMSS/FCMS (AD)  
MPA/DTS  
Central Files  
Repro Unit  
PDR  
NSIC

1076 054

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

DUPLICATE

September 14, 1979

IE Information Notice No. 79-22

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 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.

POOR ORIGINAL

1076 055

DUPLICATE

IE Information Notice No. 79-22  
September 14, 1979

Enclosure  
Page 1 of 2

LISTING OF IE INFORMATION NOTICES  
ISSUED IN LAST SIX MONTHS

Information Notice No.	Subject	Date Issued	Issued To
79-05	Use of Improper Materials in Safety-Related Components	3/21/79	All power reactor facilities with an OL or CP
79-06	Stress Analysis of Safety-Related Piping	3/23/79	All Holders of Reactor OL or CP
79-07	Rupture of Radwaste Tanks	3/26/79	All power reactor facilities with an OL or CP
79-08	Interconnection of Contaminated Systems with Service Air Systems Used As the Source of Breathing Air	3/28/79	All power reactor facilities with an OL and Pu Processing fuel facilities
79-09	Spill of Radioactively Contaminated Resin	3/30/79	All power reactor facilities with an OL
79-10	Nonconforming Pipe Support Struts	4/16/79	All power reactor facilities with a CP
79-11	Lower Reactor Vessel Head Insulation Support Problem	5/7/79	All holders of Reactor OLs and CPs
79-12	Attempted Damage to New Fuel Assemblies	5/11/79	All Fuel Facilities Research Reactors, and Power Reactors with an OL or CP
79-13	Indication of Low Water Level in the Oyster Creek Reactor	5/29/79	All Holders of Reactor OLs and CPs
79-14	NRC Position of Electrical Cable Support Systems	6/11/79	All Power Reactor Facilities with a CP
79-15	Deficient Procedures	6/7/79	All Holders of Reactor OLs and CPs

POOR ORIGINAL

1076 056

DUPLICATE

IE Information Notice No. 79-22  
September 14, 1979

Enclosure  
Page 2 of 2

LISTING OF IE INFORMATION NOTICES  
ISSUED IN 1979

Information Notice No.	Subject	Date Issued	Issued To
79-16	Nuclear Incident at Three Mile Island	6/22/79	All Research Reactors and Test Reactors with OLs
79-17	Source Holder Assembly Damage From Misfit Between Assembly and Reactor Upper Grid Plate	6/20/79	All Holders of Reactor OLs and CPs
79-18	Skylab Reentry	7/5/79	All Holders of Reactor OLs
79-19	Pipe Cracks In Stagnant Borated Water Systems At PWR Plants	7/17/79	All Holders of Reactor OLs and CPs
79-20	NRC Enforcement Policy NRC Licensed Individuals	8/10/79	All Holders of Reactor OLs and CPs and Productive Licensees with Licensed Operators
79-21	Transportation and Commercial Burial of Radioactive Material	9/7/79	All power and research reactors with OL's

POOR ORIGINAL

1076 057