



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

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DEC 18 1979

State of Illinois
Department of Public Health
ATTN: Mr. Gary N. Wright, Chief
Division of Nuclear Safety
535 West Jefferson Street
Springfield, IL 62761

Gentlemen:

The enclosed IE Circular No. 79-31 titled "Use of Incorrect Amplified Response Spectra" was sent to the following licensees on December 13, 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, 3 (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)

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

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

Northern Indiana Public Service Company
Bailey (50-367)

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

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

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

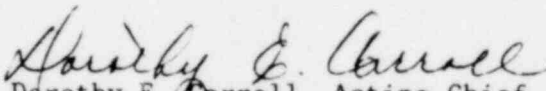
Toledo Edison Company
Davis-Besse 1 (50-346)

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)

Sincerely,


Dorothy E. Carroll, Acting Chief
Administrative Branch

Enclosure: IE Circular
No. 79-31

cc w/encl:
Mr. D. W. Kane,
Sargent & Lundy
Central Files
Reproduction Unit NRC 20b
Local PDR
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT
WASHINGTON, D.C. 20555

SSINS: 6870
Accession No.:
7910250507

DUPLICATE

December 13, 1979

IE Information Notice No. 79-31

USE OF INCORRECT AMPLIFIED RESPONSE SPECTRA (ARS)

Description of Circumstances:

Recently, the NRC was informed that, during a review of valve weights in conjunction with the as-built review for IE Bulletin 79-14 at North Anna Unit 1, it was discovered that incorrect amplified response spectra (ARS) had been used as input to the analyses of some piping on both units 1 and 2. The reanalyses are being performed by Stone & Webster (S&W), the Architect Engineer for the Virginia Electric & Power Company's facilities. Similarly, Public Service Company of New Hampshire informed the NRC that the wrong ARS were used for the design of some containment supports at their Seabrook units. The Architect Engineer for these plants is United Engineers & Constructors (UE&C).

The NRC is currently pursuing this issue in detail with S&W and UE&C to determine the extent of the problem and the generic implications for other facilities.

This Information Notice is provided as an early notification of a possible significant matter. It is expected that recipients will review the information for possible applicability to their facilities. Specific action has been requested by IE Bulletin 79-14. This bulletin requires that input to seismic analyses of piping, which includes the use of the correct ARS, be verified against the as-built condition of the plant. No specific actions are requested in response to this Information Notice. If NRC evaluations so indicate, further licensee actions may be requested or required. If you have any questions regarding this matter, please contact the Director of the appropriate NRC Regional Office.

No written response to this IE Information Notice is required.

Enclosure: List of IE Information
Notices Recently Issued

1739 111

RECENTLY ISSUED
IE INFORMATION NOTICES

Information Notice No.	Subject	Date Issued	Issued To
79-30	Reporting of Defects and Noncompliances, 10 CFR Part 21	12/6/79	All power reactor facilities holding OLs and CPs and vendors inspected by LCVIP
79-29	Loss of NonSafety-Related Reactor Coolant System Instrumentation During Operation	11/16/79	All power reactor facilities holding OLs or CPs
79-28	Overloading of Structural Elements Due to Pipe Support Loads	11/16/79	All power reactor facilities with an OL or CP
79-27	Steam Generator Tube Failure At Two PWR	11/16/79	All power reactor facilities holding OLs and CPs
79-12A	Attempted Damage To New Fuel Assemblies	11/9/79	All Fuel Facilities, research reactors, and power reactors with an OL or CP
79-26	Breach of Containment Integrity	11/5/79	All power reactor facilities holding OLs and CPs
79-25	Reactor Trips At Turkey Point Units 3 And 4	10/1/79	All power facilities with an OL or a CP
79-24	Overpressurization Of Containment Of A PWR Plant After A Main Steam Line Break	10/1/79	All power reactor facilities with a CP
79-23	Emergency Diesel Generator Lube Oil Coolers	9/26/79	All power reactor facilities holding OLs and CPs
79-22	Qualification of Control Systems	9/14/79	All power reactor facilities with operating licenses and construction permits.
79-21	Transportation and Commercial Burial of Radioactive Material	9/7/79	All power and research reactors with OLs