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



October 1, 1979

Docket Nos. 50-313
50-368

Arkansas Power and Light Company
ATTN: Mr. William Cavanaugh III
Vice President of Generation
and Construction
P. O. Box 551
Little Rock, Arkansas 72203

Gentlemen:

The enclosed IE Information Notice provides information with regard to an analysis that identifies an event that could result in overpressurization of containment at a pressurized water reactor.

Sincerely,

A handwritten signature in cursive script, appearing to read "Karl V. Seyfrit".

Karl V. Seyfrit
Director

Enclosures:

1. Information Notice 79-24
2. List of IE Information Notices Issued in the Last Six Months

cc: James P. O'Hanlon, Plant Manager
Arkansas Nuclear One
P. O. Box 608
Russellville, Arkansas 72801

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Accession No:
7908220123

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

DUPLICATE

IE Information Notice No. 79-24
Date: October 1, 1979
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OVERPRESSURIZATION OF CONTAINMENT OF A PWR PLANT AFTER A MAIN STEAM LINE BREAK

Virginia Electric and Power Co. submitted a report dated September 7, 1979, that identified a deficiency in the original analysis of containment pressurization as a result of a steam line break for North Anna Power Station, Units 3 and 4.

Stone and Webster Engineering Corporation performed a reanalysis of containment pressure following a main steam line break and determined that, if the auxiliary feedwater system continued to supply feedwater at runout conditions to the steam generator that had experienced the steam line break, containment design pressure would be exceeded in approximately 10 minutes. The long-term blowdown of the water supplied under runout conditions by the auxiliary feedwater system had not been considered in the earlier analysis. The corrective action is now under review by the owner, architect engineer, and NSSS supplier.

This IE Information Notice is provided as an early notification of a possibly significant matter that is still under review by the NRC staff. 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.

No written response to this Information Notice is required. If you have any questions regarding this matter please contact the Director of the appropriate NRC Regional Office.

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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)
79-22	Qualification of Control Systems	9/14/79	All power reactor facilities with an Operating Licenses (OL) and Construction Permits (CP)
79-23	Emergency Diesel Generator Lube Oil Coolers	9/26/79	All power reactor facilities with an Operating License (OL) or Construction Permit (CP)

Enclosure
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