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

FEB 8 1980

Docket No. 50-461  
Docket No. 50-462

Illinois Power Company  
ATTN: Mr. W. C. Gerstner  
Executive Vice President  
500 South 27th Street  
Decatur, IL 62525

Gentlemen:

The enclosed IE Information Notice is forwarded to you for information. No written response to this Information Notice is required. If you have any questions related to the subject, please contact this office.

Sincerely,

*James G. Kepler*  
James G. Kepler  
Director

Enclosure: IE Information  
Notice No. 80-05

cc w/encl:  
Central Files  
Director, NRR/DPM  
Director, NRR/DOR  
PDR  
Local PDR  
NSIC  
TIC  
Mr. Dean Hansell, Office of  
Assistant Attorney General

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

SSINS No.: 6870  
Accession No.:  
7912190673

DUPLICATE

February 8, 1980

IE Information Notice No. 80-05

CHLORIDE CONTAMINATION OF SAFETY RELATED PIPING AND COMPONENTS

A Bechtel Power Corporation Study at the Wolf Creek Project has revealed that a fire retardent coating is potentially corrosive in contact with stainless steel.

Albi "Duraspray" is a fire retardent coating which contains magnesium oxychloride, and is used for fireproofing of exposed structural steel in some Nuclear Power Plants. There appears to be no deleterious effect when it is applied over unprimed, inorganic zinc coated, or galvanized steel, however, it may be corrosive in contact with stainless steel, bare aluminum or copper. Droppings or overspray of this material cannot be properly removed with water. Diluted Nitric acid has been proven to be a useful cleanser, however, it presents a safety hazard.

Applicants and holders of construction permits and licensees of operating power reactors are advised to protect all stainless steel, copper and aluminum material from overspray and droppage of cementitious oxychloride materials and to remove accidentally applied materials immediately and completely employing strict safety precautions during the process. Special attention should be given to weld areas in any removal procedures.

No written response to this information notice is required. If you require additional information regarding this matter contact the Director of the appropriate NRC Regional Office.

RECENTLY ISSUED  
IE INFORMATION NOTICES

Information Notice No.	Subject	Date Issued	Issued To
80-04	BWR Fuel Exposure in Excess of Limits	2/4/80	All BWR's holding a power reactor OL or CP
80-03	Main Turbine Electro-Hydraulic Control System	1/31/80	All holders of power reactor OLs and CPs
80-02	8X8R Water Rod Lower End Plug Wear	1/25/80	All BWR Facilities holder power reactor OLs or CPs
80-01	Fuel Handling Events	1/4/80	All holders of power reactor OLs and CPs
79-37	Cracking in Low Pressure Turbine Discs	12/28/79	All power reactor OLs and CPs
79-36	Computer Code Defect in Stress Analysis of Piping Elbow	12/31/79	All power reactor OLs and CPs
79-35	Control of Maintenance and Essential Equipment	12/31/79	All power reactor facilities with an OL or CP
79-34	Inadequate Design of Safety-Related Heat Exchangers	12/27/79	All holders of power reactor OLs and CPs
79-33	Improper Closure of Primary Containment Access Hatches	12/21/79	All power reactor facilities holding OLs and CPs
79-32	Separation of Electrical Cables for HPCI and ADS	12/21/79	All power reactor facilities holding OLs and CPs
79-31	Use of Incorrect Amplified Response Spectra (ARS)	12/13/79	All holders of power reactor OLs and CPs
79-30	Reporting of Defects and Noncompliance, 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