



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA ST., N.W., SUITE 3100
ATLANTA, GEORGIA 30303

FEB 8 1980

In Reply Refer To:

RII:JPO

50-338, 50-339

50-404, 50-405

50-280, 50-281

REGULATORY INFORMATION

AD-3

Virginia Electric and Power Company

Attn: W. L. Proffitt

Senior Vice President,

Power

P. O. Box 26666

Richmond, Virginia 23261

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,

for James P. O'Reilly
Director

Enclosures:

1. IE Information Notice No. 80-05
2. List of Recently Issued IE Information Notices

8003190456

Virginia Electric and
Power Company

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cc w/encl:

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SSINS No.: 6870
Accession No.:
7912190673

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

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.

IE Information Notice No. 80-05
February 8, 1980

Enclosure

RECENTLY ISSUED
IE INFORMATION NOTICES

| Information Notice No. | Subject | Date Issued | Issued To |
|------------------------|--|-------------|---|
| 80-05 | Chloride Contamination of Safety Related Piping and Components | 2/8/80 | All holders of power reactor OLs and CPs |
| 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 |