

November 30, 1984

Docket No. 50-281

Distribution  
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MFairtile  
OELD  
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Docket file  
Local PDR  
Gray file *f*  
CParrish  
DNeighbors  
EJordan  
JPartlow  
OPA, CMiles

Mr. W. L. Stewart  
Vice President - Nuclear Operations  
Virginia Electric and Power Company  
Post Office Box 26666  
Richmond, Virginia 23261

Dear Mr. Stewart:

Enclosed is a copy of a "Notice of Environmental Assessment and Finding of No Significant Impact" for your information. This notice relates to your application dated December 9, 1983 and as supplemented by letter dated August 17, 1984 for relief from the requirements of ASME Code Section XI for Surry Station Unit 2.

The notice has been forwarded to the Office of the Federal Register for publication.

Sincerely,

/s/SVarga

Steven A. Varga, Chief  
Operating Reactors Branch #1  
Division of Licensing

Enclosure:  
As stated

cc w/enclosure:  
See next page

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JOHNSON *JA*  
11/21/84

AD:DR:DL  
GLafinas  
11/21/84

*w/ noted changes in  
EA & SER  
Notice of No Aiq. impact  
must be published  
first*



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

November 30, 1984

Docket No. 50-281

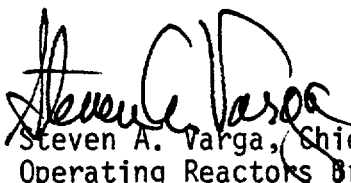
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Steven A. Varga, Chief  
Operating Reactors Branch #1  
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Enclosure:  
As stated

cc w/enclosure:  
See next page

Mr. W. L. Stewart  
Virginia Electric and Power Company

Surry Power Station  
Units 1 and 2

cc: Mr. Michael W. Maupin  
Hunton and Williams  
Post Office Box 1535  
Richmond, Virginia 23213

Attorney General  
1101 East Broad Street  
Richmond, Virginia 05602

Mr. J. L. Wilson, Manager  
Post Office Box 315  
Surry, Virginia 23883

Donald J. Burke, Resident Inspector  
Surry Power Station  
U.S. Nuclear Regulatory Commission  
Post Office Box 166, Route 1  
Surry, Virginia 23883

Mr. Sherlock Holmes, Chairman  
Board of Supervisors of Surry County  
Surry County Courthouse  
Surry, Virginia 23683

W. T. Lough  
Virginia Corporation Commission  
Division of Energy Regulation  
Post Office Box 1197  
Richmond, Virginia 23209

Regional Radiation Representative  
EPA Region III  
Curtis Building - 6th Floor  
6th and Walnut Streets  
Philadelphia, Pennsylvania 19106

Mr. J. H. Ferguson  
Executive Vice President - Power  
Virginia Electric and Power Company  
Post Office Box 26666  
Richmond, Virginia 23261

James P. O'Reilly  
Regional Administrator - Region II  
U.S. Nuclear Regulatory Commission  
Suite 2900  
101 Marietta Street, Suite 3100  
Atlanta, Georgia 30303

James B. Kenley, M.D., Commissioner  
Department of Health  
109 Governor Street  
Richmond, Virginia 23219

UNITED STATES NUCLEAR REGULATORY COMMISSIONVIRGINIA ELECTRIC AND POWER COMPANYDOCKET NO. 50-281NOTICE OF ENVIRONMENTAL ASSESSMENT AND FINDING OFNO SIGNIFICANT IMPACT

The U. S. Nuclear Regulatory Commission (the Commission) is considering issuance of a relief from the requirements of ASME Code Section XI to the Virginia Electric and Power Company (the licensee), for the Surry Power Station, Unit No. 2, located in Surry County, Virginia.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action: This relief will permit the licensee to hydrotest certain weld repairs on main steam piping at a pressure less than that required in the ASME Code Section XI, as incorporated in to Commission regulation in 10 CFR Section 50.55a(g).

The relief is responsive to the licensee's application dated December 9, 1983 and supplemented by letter dated August 17, 1984.

The Need for the Proposed Action: The proposed relief is needed because hydrotest pressure required by the Code cannot be attained due to system lay-out and pump capabilities. The licensee's proposed hydrotest procedures would ensure that these weld repairs attained sufficient integrity for future service. The licensee supplemented the Code requirements with a surface examination of the area which confirmed the adequacy of the repair.

Environmental Impacts of the Proposed Action: The proposed relief will provide a degree of assurance of operability that is equivalent to that

prescribed by the ASME Code. Consequently, the probability of the weld repair not retaining system pressure will not be increased and post-accident radiological releases will not be greater than previously determined nor does the proposed relief otherwise affect radiological plant effluents. Therefore, the Commission concludes that there are no significant radiological environmental impacts associated with this proposed relief.

With regard to potential non-radiological impacts, the proposed relief involves features located entirely within the restricted area as defined in 10 CFR Part 20. It does not affect non-radiological plant effluents and has no other environmental impact. Therefore, the Commission concludes that there are no significant non-radiological environmental impacts associated with the proposed relief.

Alternative Use of Resources: This action involves no use of resources not previously considered in the Final Environmental Statement (construction permit and operating license) for the Surry Power Station, Unit No. 2.

Agencies and Persons Consulted: The NRC staff reviewed the licensee's request and did not consult other agencies or persons.

#### FINDING OF NO SIGNIFICANT IMPACT

Based upon the foregoing environmental assessment, we conclude that the proposed action will not have a significant effect on the quality of the human environment. The Commission has determined not to prepare an environmental impact statement for the proposed relief.

For further details with respect to this action, see the application for the relief dated December 9, 1983, and supplement dated August 17,

1984, which is available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C., and at the Swem Library, College of William and Mary, Williamsburg, Virginia 23185.

Dated at Bethesda, Maryland this 30th day of November 1984.

FOR THE NUCLEAR REGULATORY COMMISSION



Gus C. Lainas, Assistant Director  
for Operating Reactors  
Division of Licensing