

Docket Nos. 50-280
and 50-281

May 17, 1984

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

Dear Mr. Stewart:

We have reviewed your letters dated March 26 and April 12, 1984, for Surry Power Station, Unit Nos. 1 and 2, respectively. You requested relief, pursuant to 10 CFR 50.55a paragraph g(5), from certain requirements of the ASME Code, Section XI, which is granted by this letter.

Your letters requested relief from hydrostatic testing of a 3-inch manual isolation valve (1-MS-86) for Unit 1, a 1½-inch manual isolation valve (2-MS-74) for Unit 2, and three 3-inch check valves (2-FW-27, 58 and 89) for Unit 2. Testing of the manual isolation valves after replacement on Units 1 and 2 would have required testing the "A" steam generator and much of the main steam piping in each unit. Testing the check valves on Unit 2 would have included all three steam generators and a significant portion of the attached feedwater and main steam piping. You considered these tests extremely difficult and impractical, and, you proposed alternative inspections.

In the case of the manual isolation valves, you performed liquid penetrant testing and a system pressure test in conjunction with a visual examination. We have reviewed this request and conclude your proposed alternative is adequate. We provide similar relief previously as discussed in our October 1, 1982, letter.

For the 3-inch check valves, you performed a liquid penetrant (surface) examination and a radiographic (volumetric) examination in lieu of a pressure test. We have reviewed your proposed alternative inspection and conclude that it is adequate to insure the integrity of the welds.

We have determined that this relief does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the relief involves an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this relief.

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Mr. W. L. Stewart

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May 17, 1984

The staff has determined that where stated the Code requirements are impractical, the granting of this relief is authorized by law and will not endanger life or property or the common defense and security, and is otherwise in the public interest considering the burden that could result if they were imposed on your facilities.

Sincerely,

*Original signed by
Steven A. Varga*

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

cc:
See next page

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

Surry Power Station
Units 1 and 2

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