

NUCLEAR REGULATORY COMMISSIONOMAHA PUBLIC POWER DISTRICTDOCKET NO. 50-285NOTICE OF ENVIRONMENTAL ASSESSMENT ANDFINDING OF NO SIGNIFICANT IMPACT

The U. S. Nuclear Regulatory Commission (the Commission) is considering the granting of relief from certain requirements of the ASME Code, Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components" to the Omaha Public Power District (the licensee), which would revise the first ten-year inservice inspection program for the Fort Calhoun Station, Unit No. 1. The ASME Code requirements are incorporated by reference into the Commission's rules and regulations in 10 CFR Part 50.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action: By letter dated April 2, 1984, the Omaha Public Power District, the licensee, requested relief from the ASME Code such that 100 percent examination of the reactor vessel closure head-to-flange weld and testing of the Class 3 portions of the waste disposal system would not be required. The licensee has determined that these requirements are impractical at the Fort Calhoun Station, Unit No. 1 for the first ten-year inspection program.

The Need for the Proposed Action: If relief is not granted, the licensee will have to perform a 100 percent examination of the reactor vessel closure head-to-flange weld and will have to test the Class 3 portions of the waste disposal system. As stated above, the licensee has determined that these requirements are impractical.

Environmental Impact of the Proposed Action: Our evaluation of the proposed requests for relief from the ASME Code requirements indicates that the relief will not reduce the integrity of safety systems because of the following.

Insofar as the weld is concerned, visual examination for leakage will still be performed in accordance with the Code, and volumetric and surface examinations will be performed to the extent practical. Thus, examinations will still be performed to determine weld integrity. Insofar as not testing the Class 3 portions of the waste disposal system is concerned, the current applicable edition of the Code allows a licensee to optionally classify a nonnuclear safety class system as a Class 3 system without the necessity of applying the inservice inspection requirements of the Code. Thus, the current applicable edition of the Code permits this practice.

Accordingly, post-accident radiological releases will not be greater than previously determined nor does the proposed relief otherwise affect radiological plant effluents, and there is no significant increase in occupational exposures. 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 systems located entirely within the restricted area as defined in 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 Fort Calhoun Station, Unit No. 1.

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

FINDING OF NO SIGNIFICANT IMPACT

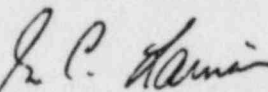
The Commission has determined not to prepare an environmental impact statement for the proposed reliefs.

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.

For further details with respect to this action, see the letter for relief dated April 2, 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 W. Dale Clark Library, 215 South 15th Street, Omaha, Nebraska.

Dated at Bethesda, Maryland this 5th day of November, 1984.

FOR THE NUCLEAR REGULATORY COMMISSION



Gus C. Lainas, Assistant Director
for Operating Reactors

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Environmental Impact of the Proposed Action: Our evaluation of the proposed requests for relief from the ASME Code requirements indicates that the relief will not reduce the integrity of safety systems because of the following.

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Accordingly, post-accident radiological releases will not be greater than previously determined nor does the proposed relief otherwise affect radiological plant effluents, and there is no significant increase in occupational exposures. 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 systems 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 Fort Calhoun Station, Unit No. 1.

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

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FOR THE NUCLEAR REGULATORY COMMISSION

Gus C. Lainas, Assistant Director
for Operating Reactors

See previous Concurrences

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[Signature]
AD:GCLainas
11/ /84

~~D:DIR
DGEisenhut
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Dated at Bethesda, Maryland this

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by:

Gus C. Lainas, Assistant Director
for Operating Reactors

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Dated at Bethesda, Maryland this

FOR THE NUCLEAR REGULATORY COMMISSION

Darrell G. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation

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