

March 26, 1999

Mr. C. Randy Hutchinson
Vice President, Operations ANO
Entergy Operations, Inc.
1448 S. R. 333
Russellville, AR 72801

SUBJECT: USE OF ASME CODE, SECTION IX, CODE CASES 2142-1 AND 2143-1,
ARKANSAS NUCLEAR ONE, UNIT-2 (TAC NO. MA3588)

Dear Mr. Hutchinson:

By letter dated September 9, 1998 (2CAN099804), Entergy Operations, Inc. requested approval under the provisions of 10 CFR 50.55a9a(a)(3)(i) to use American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code (Code), Section IX, Code Cases 2142-1 and 2143-1 for the reactor coolant system for Arkansas Nuclear One, Unit-2.

The staff has completed its review of the relief request and has determined that the proposed alternative to employ the alternative welding materials of Code Case 2142-1 and 2143-1 provides an acceptable level of quality and safety. Therefore, the staff concludes that the proposed alternative is authorized pursuant to 10 CFR 50.55a(a)(3)(i). The use of Code Cases 2142-1 and 2143-1 is authorized until such time as the Code Cases are approved by reference in Regulatory Guide (RG) 1.85. At that time, if Entergy Operations, Inc. intends to continue to implement these Code Cases, Entergy Operation, Inc. is to follow all provisions in Code Cases 2142-1 and 2143-1 with limitations issued in RG 1.85, if any. Our Safety Evaluation is enclosed.

Sincerely,

George F. Dick, Acting Director
Project Directorate IV-1
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-368

Enclosure: Safety Evaluation

cc w/encl: See next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

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Sincerely,

A handwritten signature in black ink that reads "George F. Dick for".

George F. Dick, Acting Director
Project Directorate IV-1
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-368

Enclosure: Safety Evaluation

cc w/encl: See next page

Mr. C. Randy Hutchinson
Entergy Operations, Inc.

Arkansas Nuclear One, Unit 2

cc:

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