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FITZPATRICK, E. American Electric Power Co., Inc.
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SUBJECT: Forwards relief request to continue Unit 1 operation with section of main steam piping having wall thickness less than that allowed by plant piping code, USAS/ANSI B31.1.1, 1967 edition, per 970425 telcon.

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June 5, 1997

AEP:NRC:1098B

Docket No: 50-315

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555 /

Gentlemen:

Donald C. Cook Nuclear Plant Unit 1
MAIN STEAM SYSTEM - PIPE WALL THINNING

Pursuant to a conversation with members of your staff on April 25, 1997, this letter forwards our relief request to continue unit 1 operation with a section of main steam piping having a wall thickness which is less than that allowed by Cook Nuclear Plant piping code, USAS/ANSI B31.1.1, 1967 edition.

In our letter AEP:NRC:1098A, dated April 17, 1997, we provided information demonstrating the measured thickness of a piping elbow in the main steam system, 0.843 inches, was acceptable when material properties obtained from the certified material test report (CMTR) were used. However, during the April 25th discussion, the use of CMTR data, rather than the data contained in the code itself, was questioned and we agreed to submit a relief request to operate for one cycle.

The attached relief request contains our assessment that continued operation of unit 1 prior to repairing the elbow will not endanger the health and safety of the public.

Sincerely,

E. E. Fitzpatrick
Vice President

vlb

Attachment

c: A. A. Blind
A. B. Beach
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