

August 30, 2001

MEMORANDUM TO: File

FROM: Jack N. Donohew, Senior Project Manager, Section 2
Project Directorate IV */RA/*
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION FOR RELIEF
REQUEST 12R-24, CODE CASE N-597, FOR WOLF CREEK
GENERATING STATION (TAC NO. MB2453)

The enclosed request for additional information was sent by e-mail to Wolf Creek Nuclear Operating Corporation on August 23, 2001. The purpose of the e-mail was to expedite the review of the relief request application dated July 16, 2001 (ET 01-0023) (ADAMS Accession No. ML012010350). The technical branch reviewer has been detailed to another position and will be unavailable for a month. The e-mail will allow the licensee to develop responses to the questions to clarify its application while the reviewer is unavailable.

Docket No. 50-482

Enclosure: Request for Additional Information

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REQUEST FOR ADDITIONAL INFORMATION

RELIEF REQUEST 12R-24, USE OF CODE CASE N-597

WOLF CREEK GENERATING STATION

TAC NO. MB2453

The following request for additional information is based on the licensee's request dated July 16, 2001, for relief from Section XI, IWA-3000, of the American Society of Mechanical Engineers (ASME) Code. The request for relief is to use Code Case N-597, "Requirements for Analytical Evaluation of Pipe Wall Thinning, Section XI, Division 1."

1. Will the relief request apply the code case only to Class 2 and 3 components?
2. For flow accelerated corrosion (FAC), it appears that the code case will be implemented through the FAC program, which is based on NSAC-202L-R2. Discuss what is meant by the use of "should" and "shall" in the Nuclear Safety Analysis Center (NSAC) document, because the FAC program procedures would follow the recommendations in that document.
3. Discuss the commitments related to Branch Technical Position (BTP) MEB 3-1 of Standard review Plan 3.6.2, "Determination of Rupture Locations and Dynamic Effects Associated with the Postulated Rupture of Piping," and where these commitments are in the Updated Safety Analysis Report for Wolf Creek Generating Station. Discuss the impact of the code case on these commitments.
4. It appears, according to the fourth paragraph of page 2 of Attachment I to the relief request, that the code case will be applied to types of corrosion other than FAC corrosion. Discuss the implementation of the code case for non-FAC corrosion in terms of the program, program description, and criteria. If the code case is to be implemented through the inservice inspection (ISI) program, discuss what Section XI requirements will be applied to qualifying and sizing the remaining wall thickness of the degraded areas, and what methods, including their bases, will be used to calculate the rate of wall thinning.