

February 21, 1990

Mr. W. T. Cottle  
Vice President, Nuclear Operations  
System Energy Resources, Inc.  
Post Office Box 469  
Port Gibson, Mississippi 39150

Dear Mr. Cottle:

SUBJECT: GRAND GULF NUCLEAR STATION, UNIT 1 - PRESSURE-TEMPERATURE  
LIMITS RELATING TO GENERIC LETTER 88-11 (TAC 71497)

By letters dated January 9, February 28 and October 13, 1989, System Energy Resources, Inc. (SERI) responded to Generic Letter 88-11, "NRC Position on Radiation Embrittlement of Reactor Vessel Materials and Its Impact on Plant Operations." The February 28, 1989 letter proposed pressure-temperature limits for the reactor coolant system for reactor heatup, cooldown, leak test and criticality for 10 effective full power years (EFPY). These limits were calculated based on Regulatory Guide 1.99, Revision 2.

The NRC staff has completed its evaluation of these submittals. The NRC staff's Safety Evaluation is enclosed. The staff concludes that the proposed pressure-temperature limits are acceptable for use up to 10 EFPY. You are requested to submit proposed changes to the Grand Gulf Nuclear Station, Unit 1, Technical Specifications, Section 3/4.4.6, and associated Bases to incorporate revised limits within 60 days of receipt of this letter, as committed in your February 28, 1989 letter.

The reporting and/or recordkeeping requirements of this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P. L. 96-511.

Sincerely,

E.G. Tourigny/for

Lester L. Kintner, Senior Project Manager  
Project Directorate II-1  
Division of Reactor Projects I/II

Enclosure:  
Safety Evaluation

cc: w/enclosure  
See next page

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