

February 13, 1990

Docket No. 50-416

DISTRIBUTION

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

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Dear Mr. Cottle:

SUBJECT: GRAND GULF NUCLEAR STATION, UNIT 1 (GGNS-1), DRYWELL PRESSURE  
NARROW RANGE INSTRUMENT TO MEET REGULATORY GUIDE 1.97  
REQUIREMENTS (TAC NO. 69057)

By letter dated July 22, 1988, System Energy Resources, Inc. (the licensee) requested the NRC to review its position statement regarding a deviation from the guidelines of Regulatory Guide 1.97, "Instrumentation for Light-Water-Cooled Nuclear Power Plants to Assess Plant and Environs Conditions During and Following an Accident" (RG 1.97). The deviation is use of a containment-to-drywell differential pressure instrument with a range of +2 psid to -2 psid and a wide range drywell pressure instrument with a range of -10 to 40 psig instead of the RG 1.97 recommended drywell pressure instrument with a range of -5 psig to 3 psig.

The NRC staff has reviewed this requested deviation. The staff's Safety Evaluation is enclosed. We conclude that the licensee has adequately justified this deviation from the RG 1.97 recommendation.

The licensee has committed to make changes in the Updated Final Safety Analysis Report (UFSAR) to reflect use of the differential pressure instrument for post-accident monitoring. The implementation date for UFSAR changes and any emergency operating procedure changes is December 31, 1990.

Sincerely,

Original Signed By:

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

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Enclosure:  
Safety Evaluation

cc w/enclosure:  
See next page

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