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Director  
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February 22, 2001

U. S. Nuclear Regulatory Commission  
Attn.: Document Control Desk  
Washington, DC 20555-0001

Subject: Grand Gulf Nuclear Station (GGNS)  
Docket No. 50-416  
License No. NPF-29  
Supplemental Information Regarding Alternative Source Term  
(LDC 2000-070)

Reference: 1. GGNS Pilot Full-Scope Application of NUREG-1465 Alternative  
Source Term Insights (TAC No. MA8065) (GNRO-2000/20005)  
2. GGNS Pilot Full Scope Application of NUREG-1465 Alternative  
Source Term Insights, Response to RAI, dated October 26, 2000  
(GNRO-2000/00080)

GNRO-2001/00016

Ladies and Gentlemen:

Grand Gulf Nuclear Station (GGNS) submitted a proposed request to revise its licensing basis to reflect a full-scope implementation of NUREG-1465 in Reference 1. The request included proposed markups of affected operating License and Technical Specification pages. Revisions to the proposed changes were also requested in the response to RAIs in Reference 2.

The October letter (Reference 2) described a proposed revision to the license condition 2.C(38). A new marked up page was not included in the letter. Based on recent discussions with our NRC Project Manager, we agree that the requested value in the license condition can be clarified to denote the value does not include the 10 cfm control room leakage rate assumed for ingress/egress during the analyzed scenarios. This value has been treated as a separate component of unfiltered inleakage in our safety analyses, consistent with Standard Review Plan (NUREG-0800), Section 6.4 guidance.

This markup and the clarification is considered an administrative change to the submittal. It is fully supported by the safety analysis, does not affect the conclusions of the No Significant Hazards Consideration, and does not involve any new commitments.

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If there are any questions regarding this submittal, please contact Jerry Burford at (601) 368-5755 or Jerry Roberts at (601) 437-6710.

Yours truly,



JCR/FGB/baa

attachment: Markup of Operating License, page 15

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**Attachment 1 to  
Supplemental Information Regarding Alternate Source Term  
GNRO-2001/00016  
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- (a) Include an emergency override of the test mode of the Division 3 HPCS diesel generator to permit response to emergency signals and to return the control of the diesel generator to the emergency standby mode. (Item No. 333, TS 4.8.1.1.2.d.12.b)
- (b) Provide the second level undervoltage protection for Division 3 power supply (Item No. 373, TS Table 3.3.3-2).
- (c) Incorporate a bypass or coincident logic in all Division 1 and 2 diesel generator protective trips, except for trips on diesel engine overspeed and generator differential current (Item No. 808, TS 4.8.1.1.2.d.16.d).

during Modes 1 through 3 with an allowable control room leak rate not to exceed 2000 cfm (not including ingress/egress leakage of 10 cfm).

(38) Control Room Leak Rate (Section 6.2.6, SSER #6)

EOI shall operate Grand Gulf Unit 1 with an allowable control room leak rate not to exceed 590 cfm. Upon restart of construction of Unit 2 control room, EOI will be permitted to operate at a leak rate of 760 cfm as evaluated in SSER No. 6.

(39) Temporary Secondary Containment Boundary Change

For a period of time not to exceed 144 cumulative hours, the provisions of Specification 3/4.6.6.1 may be applied to the railroad bay area including the exterior railroad bay door on the auxiliary building in lieu of the present secondary containment boundaries that isolate the railroad bay area. While the railroad bay area is being used as a secondary containment boundary, the railroad bay door may be opened for the purpose of moving trucks in and out provided the four hour limitation in ACTION a of Technical Specification 3.6.6.1 is reduced to one hour. A fire watch shall be established in the railroad bay area while the door is being used as a secondary containment boundary.

(40) Temporary Ultimate Heat Sink Change

With the plant in OPERATIONAL condition 4, SSW cooling tower basin A may be considered OPERABLE in accordance with Technical Specification 3.7.1.3 with less than a 30 day supply of water (without makeup) during the time that SSW basin B is drained to replace its associated service water pump provided:

- (a) SSW basin A water level is maintained greater than or equal to 87".
- (b) At least two sources of water (other than normal makeup with one source not dependent on offsite power) are available for makeup to SSW basin A.

This license condition may remain in effect until plant startup following the outage scheduled for fall 1985.