

**From:** Bhalchandra Vaidya  
**To:** MCRAWF1@entergy.com; RBYRD@entergy.com  
**Date:** 10/6/2006 4:27:57 PM  
**Subject:** Grand Gulf, MD1496, Draft RAIs

Ron,

The following are the draft RAIs on the application for a license amendment referenced.

I WOULD LIKE TO ARRANGE A TELECONF. TO DISCUSS THESE RAIs IN THE WEEK OF October 16, 2006. PLEASE LET ME KNOW THE CONVENIENT DATES AND TIMES FOR YOU.

Thanks,

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**REQUEST FOR ADDITIONAL INFORMATION  
RELATING TO AMENDMENT REQUEST TO LICENSE NO. NPF-29, TAC NO. MD1496  
ENTERGY OPERATIONS, INC.  
GRAND GULF NUCLEAR STATION UNIT 1  
DOCKET NO. 50-416**

**1. As specified in the Generic Letter 88-16, the analytical methods used to determine the core operating limits shall be those previously reviewed and approved by NRC in identifying the Topical Report(s) by number, title, and date, or identifying the staff's safety evaluation report for a plant-specific methodology by NRC letter and date. For each reference listed in TS 5.6.5.b, please clarify which parameter in TS 5.6.5.a is supported.**

**2. It appears that the core loading for Cycle 16 will be FRA-ANP ATRIUM 10 fuel, however, NEDE-24011-P-A, which is a GE license topical report (LTR), is listed under TS 5.6.5.b.24. Please provide the reason why TS 5.6.5.b.24 - a GE LTR is still listed in the COLR.**

**3. With respect to the use of the proposed EXEM BWR-2000 model, please provide: (1) the detailed explanation why the increase in PCT is beyond 50 B using the proposed EXEM BWR-2000 model. Since the 98 B PCT increase is a significant increase above the 50 B a more detailed explanation is required; (2) the reason that an increase in PCT of 98 B due to changing the old EXEM BWR model to EXEM BWR-2000 model in the Grand Gulf LOCA analysis does not impact the current MCPR Safety Limits; (3) justification as to why a lower MCPR input at the start of the event is assumed for EXEM BWR-2000 evaluation model; and (4) the actions to be taken if the assumption of a lower MCPR input at the start of the event is not met.**

**Bhalchandra Vaidya  
NRR/DORL/LPL-IV/PM  
301-415-3308  
M/S: O-7D1**

**CC:** Gregory Cranston; Hearn, Peter; Tai Huang; Terao, David; Tjader, Theodore

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