

**From:** Kalyanam, Kaly  
**Sent:** Friday, June 12, 2009 2:08 PM  
**To:** BICE, DAVID B; CLARK, ROBERT W  
**Cc:** Sun, Summer  
**Subject:** ANO-2 LAR regarding the DNBR Safety Limit (TAC No. ME1328)

Dave/Bob,

By letter dated May 13, 2009, Entergy requested an amendment to the Arkansas Nuclear One, Unit 2 (ANO-2) technical specifications (TS) 2.1.1.1, Departure from Nucleate Boiling (DNB) ratio safety limit based upon the Combustion Engineering 16 x 16 Next Generation Fuel design and the associated DNB correlations. The NRC staff has reviewed the May 13, 2009, request and has determined that we require additional information to complete our review. A request for additional information appears below.

This request was discussed with Robert Clark of your staff on June 10 and June 12, 2009, and it was agreed that a response would be provided within 30 days of receipt of this email.

REQUEST FOR ADDITIONAL INFORMATION:

1. Address compliance with the conditions stated in the NRC safety evaluation reports approving the topical reports that allow application of the ABB-NV and WSSV-T critical heat flux correlations to the Next Generation Fuel design for the ANO-2 core. The following topical reports should be considered when they are applicable: WCAP-16523-P-A; CENPD-387-P-A; CENPD-161-P-A; CEN-356(V)-P-A; CEN-139(A)-P; and WCAP-16500-P-A (Rev.00).

Any conditions resulting from the review of Supplement 1 of WCAP-16500 (Revision 1) should also be met.

2. The NRC Staff may need to perform an audit of the Westinghouse calculation, at its Rockville, Maryland, offices. These calculations show how the value of 1.23 was determined from the WSSV-T and ABB-NV values of 1.12 and 1.13. This audit can be arranged for the week of July 13, 2009. The exact date has to be decided.

Thanks

Kaly N. Kalyanam

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**Subject:** ANO-2 LAR regarding the DNBR Safety Limit (TAC No. ME1328)  
**Sent Date:** 6/12/2009 1:29:52 PM  
**Received Date:** 6/12/2009 2:08:00 PM  
**From:** Kalyanam, Kaly

**Created By:** Kaly.Kalyanam@nrc.gov

Recipients:

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Tracking Status: None

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Post Office:

Files	Size	Date & Time
MESSAGE	10473	6/12/2009

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Sensitivity: oNormal

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