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**Subject:** Fwd: RAI for Cooper TS Amentment  
**Creation Date:** 2/11/03 11:04AM  
**From:** David Jaffe

**Created By:** DHJ@nrc.gov

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**From:** David Jaffe  
**To:** CIBlaire@NPPD.Com  
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Please call me. Thanks

**From:** Tai Huang  
**To:** David Jaffe  
**Date:** 2/11/03 10:38AM  
**Subject:** RAI for Cooper TS Amentment

**CC:** RXC

MEMORANDUM FOR: David H. Jaffe, Project Manager  
Project Directorate IV-1  
Division of Licensing Project Management

FROM: Ralph Caruso, Chief  
BWR Systems and Nuclear Performance Section  
Reactor Systems Branch  
Division of Systems Safety and Analysis

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION RELATED TO  
COOPER LICENSE AMENDMENT FOR SAFETY LIMITS  
MINIMUM CRITICAL POWER RATIO (TAC NO. MB6816)

Plant Name: Cooper Nuclear Station  
Utility: Nebraska Public Power District  
TAC No(s): MB6816  
Docket No(s): 50-298  
Operating License: DPR-46  
Project Directorate: Project Directorate IV-1  
Project Manager: David Jaffe  
Review Branch: SRXB/DSSA  
Review Status: Incomplete

By letter dated November 15, 2002, Nebraska Public Power District made application to amend the Technical Specifications (TS) of the Cooper Nuclear Station. The proposed change includes revising the safety limit minimum critical power ratio (SLMCPR) value in TS 2.1.1.2. The Reactor Systems Branch has reviewed the licensee's amendment request and prepared the attached request for additional information. Please transmit to the licensee.

Attachment:  
AS stated

cc:  
G. Holahan  
J. Zwolinsky

Contact: T. Huang, SRXB/DSSA  
415-2867

ATTACHMENT 1

REQUEST FOR ADDITIONAL INFORMATION  
RELATING TO AMENDMENT NO. TO LICENSE NO. DPR-46  
NEBRASKA PUBLIC POWER DISTRICT  
COOPER NUCLEAR STATION  
DOCKET NO. 50-298

The staff has reviewed the Technical Specifications amendment request dated November 15, 2002, and identified question to be clarified by the licensee in relation to the information stated in Enclosure 2 of the submittal.

1. Describe detailed core design process including approved methods used, based on a plant/cycle specific parameters, to model the unfavorable bias for those bundle that are top-peaked power shape through the entire cycle operation. Also, provide a Table to show net adjustment to SLMCPR for both dual loop operation and single loop operation including BOC, MOC and EOC if applicable.