

September 28, 2009

Mr. Stewart B. Minahan  
Vice President – Nuclear and Chief Nuclear  
Officer  
Cooper Nuclear Station  
72676 – 648A Avenue  
Brownville, NE 68321

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION FOR THE REVIEW OF THE  
COOPER NUCLEAR STATION LICENSE RENEWAL APPLICATION (TAC NO.  
MD9763 AND MD9737)

Dear Mr. Minahan:

The purpose of this letter is to transmit the request for additional information B.1.10-5. The staff has identified, in the enclosure, areas where this additional information is needed to complete the review of the Cooper Nuclear Station license renewal application. We request that you provide your response to these questions within 30 days of the date of this letter in order to maintain the license review schedule.

This item in the enclosure was discussed with Mr. David Bremer. If you have any questions, please contact Ms. Bennett M. Brady at 301-415-2981 or by e-mail at [Bennett.Brady@nrc.gov](mailto:Bennett.Brady@nrc.gov), or Mr. Tam Tran at 301-415-3617 or by e-mail at [Tam.Tran@nrc.gov](mailto:Tam.Tran@nrc.gov).

Sincerely,

*/RA/*

Tam Tran, Project Manager  
Projects Branch 1  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket No. 50-298

Enclosure:  
As stated

cc w/encl: See next page

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Projects Branch 1  
Division of License Renewal  
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NAME	IKing	BBrady	TTran	DPelton	TTran (Signature)
DATE	09/23/09	09/28/09	09/28/09	09/28/09	09/28/09

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Letter to Stewart B. Minahan from Tam Tran dated September 28, 2009

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION FOR THE REVIEW OF THE  
COOPER NUCLEAR STATION LICENSE RENEWAL APPLICATION (TAC NO.  
MD9763 AND MD9737)

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Cooper Nuclear Station

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Cooper Nuclear Station

- 2 -

cc:

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**REQUEST FOR ADDITIONAL INFORMATION  
COOPER NUCLEAR STATION  
LICENSE RENEWAL APPLICATION**

**Request for Additional Information B.1.10-5 Containment Inservice Inspection Program**

Background:

The Generic Aging Lessons Learned Report states that proper maintenance of protective coatings inside containment is essential to ensure operability of post-accident safety systems that rely on water recycled through the containment sump or drain system. Degradation of coatings can lead to clogging of strainers, which reduces flow through the sump or drain system.

Issue:

The Cooper Nuclear Station (CNS) license renewal application (LRA) does not credit the protective coating monitoring and maintenance program for aging management; the containment Inservice Inspection (ISI) Program manages the effects of aging on the drywell shell. Although the licensee stated that enhancements will be made to the containment ISI Program to inspect surfaces for signs of distress, there needs to be adequate assurance that there is proper maintenance of the protective coatings in containment, such that they will not degrade and become a debris source that may challenge the emergency core cooling system's performance.

Request

1. On page B-10 of the LRA (Agencywide Documents Access Management System Accession No. ML083030227), line item XI.S8 states that the NUREG-1801 program is not credited for aging management. The containment ISI Program manages the effect of aging on the drywell shell. Please discuss how the containment ISI Program meets the recommendations of NUREG-1801 X1.S8 in managing the effects of aging at CNS.
2. Please describe, in detail, the CNS service level 1 coatings program.
  - a. Please describe how the program will ensure that there will be proper maintenance of the protective coatings inside the containment, such that they will not become a debris source that could impact the operability of post-accident safety systems that rely on water recycled through the containment sump or drain system in the extended period of operation.
  - b. Please describe the frequency and scope of the inspections, acceptance criteria, and the qualification of personnel who perform containment coatings inspections.

ENCLOSURE