

April 9, 2009

Mr. Stewart B. Minahan  
Chief Nuclear Officer, Vice President - Nuclear  
Cooper Nuclear Station  
Nebraska Public Power District  
72676 648A Ave.  
Brownville, NE 68321

SUBJECT: REGULATORY AUDIT PLAN FOR AGING MANAGEMENT PROGRAM  
REGARDING COOPER NUCLEAR STATION UNIT 1 LICENSE RENEWAL  
APPLICATION (TAC NO. MD9763 AND MD9737)

Dear Mr. Minahan:

The U.S. Nuclear Regulatory Commission (NRC) staff is reviewing the License Renewal Application (LRA) submitted by Nebraska Public Power District, (NPPD), for the Cooper Nuclear Station (CNS) Unit 1. The staff plans to conduct its Aging Management Program (AMP) site regulatory audit at CNS during the week of April 20, 2009 in accordance with the enclosed regulatory audit plan. If you have any questions, please contact Emmanuel Sayoc at 301-415-2989 or via e-mail at [emmanuel.sayoc@nrc.gov](mailto:emmanuel.sayoc@nrc.gov), or Tam Tran at 301-415-3617 or via e-mail at [tam.tran@nrc.gov](mailto:tam.tran@nrc.gov).

Sincerely,

**\RA Donnie Ashley for\**

David Pelton, Branch Chief  
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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ADAMS Accession No: ML090930256

OFFICE	LA:DLR	PM:DLR:RPB2	PM:DLR:RPB1	BC:DLR:RPB1
NAME	SFiguroa	ESayoc w/comments	TTran	DPelton (DAshley for)
DATE	4/07/09	4/07/09	4/09/09	4/09/09

OFFICIAL RECORD COPY

**License Renewal Aging Management Regulatory Audit Plan  
Cooper Nuclear Station, Unit 1**

**1. Background**

By letter dated, September 24, 2008, Nebraska Public Power District, (the applicant), submitted to the U.S. Nuclear Regulatory Commission (NRC) its application for renewal of Operating License No. DPR-046 for the Cooper Nuclear Station, Unit 1 plant. The applicant states that many of the Aging Management Programs (AMP) that they propose for license renewal are consistent with the Generic Aging Lessons Learned (GALL) report. This staff's audit is intended to verify the applicant's assertions.

**2. Regulatory Audit Bases**

License renewal requirements are specified in Title 10 of the *Code of Federal Regulations* (CFR), Part 54 (10 CFR Part 54), "Requirements for Renewal of Operating Licenses for Nuclear Power Plants;" and the guidance is provided in NUREG-1800, Rev. 1, "Standard Review Plan for Review of License Renewal Application for Nuclear Power Plants" (SRP-LR), dated September 2005 and NUREG-1801, Rev. 1, "Generic Aging Lessons Learned (GALL) Report," dated September 2005.

**3. Regulatory Audit Scope**

The scope of this regulatory audit for Cooper Nuclear Station, Unit - 1, is those plant AMPs that the applicant takes credit for a GALL program and it is incumbent on the applicant to ensure that the plant AMP is consistent with the elements of the referenced GALL program.

**4. Information and Other Material Necessary for the Regulatory Audit**

The project team should review the License Renewal Application, the AMP basis documents and other applicant supporting documents as appropriate.

**5. Tentative Team Assignments**

Area of Review	Assigned Auditor
Electrical	Rui Li Duc Nguyen Cliff Douth
Mechanical and Materials	James Gavula Robert Sun On Yee Wilkins Smith David Alley Ganesh Cheruvenki Seung Min Chuang-Yeh Yang Albert Wong Bart Fu Bennett Brady

ENCLOSURE

	James Davis Emma Wong
Structural	Dan Hoang Alice Paulson

**6. Logistics**

The regulatory audit will be conducted at the Cooper Nuclear Station from April 20, 2009 until April 24, 2009. Entrance and exit briefings should be held at the beginning and end of this audit, respectively.

**7. Special Requests**

The staff requests the applicant to make available their condition report database for independent searches by the regulatory audit team.

**8. Deliverables**

A report should be issued to the applicant in 90 days from the end of the regulatory audit.

Letter to S. Minahan from D. Pelton Dated April 09, 2009

SUBJECT: AUDIT PLAN FOR AGING MANAGEMENT PROGRAM SITE AUDIT  
REGARDING COOPER NUCLEAR STATION UNIT 1 LICENSE RENEWAL  
APPLICATION (TAC NO. MD9763 AND MD9737)

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DLR RF

**E-MAIL:**

PUBLIC

RidsNrrDlrResource  
RidsNrrDlrRpb1 Resource  
RidsNrrDlrRpb2 Resource  
RidsNrrDlrRer1 Resource  
RidsNrrDlrRer2 Resource  
RidsNrrDlrRerb Resource  
RidsNrrDlrRpob Resource  
RidsNrrDciCvib Resource  
RidsNrrDciCpnb Resource  
RidsNrrDciCsgb Resource  
RidsNrrDraAfpb Resource  
RidsNrrDraApla Resource  
RidsNrrDeEmcb Resource  
RidsNrrDeEeeb Resource  
RidsNrrDssSrxb Resource  
RidsNrrDssSbpb Resource  
RidsNrrDssScvb Resource  
RidsOgcMailCenter Resource

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F. Lyon  
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A. Jones (OGC)  
N. Taylor (RIV)  
E. Collins (RIV)  
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G. Miller (RIV)  
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Cooper Nuclear Station,  
Units 1

cc:

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Units 1

- 2 -

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