

June 9, 1998

Mr. M. Wadley
Vice President
Nuclear Generation
Northern States Power Company
414 Nicollet Mall
Minneapolis, MN 55401

SUBJECT: JUNE 3, 1998, PUBLIC MEETING

Dear Mr. Wadley:

On June 3, 1998, a public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and the Northern States Power Company at the Region III office.

The meeting addressed the license's future plans for Dry Cask Storage of spent fuel. Particular attention was given to their Quality Assurance oversight of their fabricators. A list of attendees and the licensee presentation are enclosed. No member of the public attended the meeting.

In accordance with 10 CFR 2.790 of the NRC's "Rules and Practice," a copy of this letter and its enclosures will be placed in the NRC Public Document Room.

Sincerely,

Original signed by
B. L. Jorgensen

Bruce L. Jorgensen, Chief
Decommissioning Branch

Docket No. 72-10

Enclosures: As stated

cc w/encs: Plant Manager, Prairie Island
State Liaison Officer, State
of Minnesota
State Liaison Officer, State
of Wisconsin
Tribal Council
Prairie Island Dakota Community

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J. L. Caldwell w/encs

C. D. Pederson, Rlll w/encs

SRI Prairie Island w/encs

DRP w/encs

TSS w/encs

DRS (2) w/encs

Greens w/o encs

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Enclosure 1

LIST OF ATTENDEES

U.S. Nuclear Regulatory Commission

C. J. Paperiello, Acting Regional Administrator
C. D. Pederson, Director, Division of Nuclear Materials Safety
B. L. Jorgensen, Chief, Decommissioning Branch
J. W. McCormick-Barger, Chief, Division of Reactor Projects Branch 7
R. M. Lickus, Chief, State and Government Affairs
J. R. Strasma, Public Affairs
A. S. Greenman, Public Affairs
R. L. Glinski, Radiation Specialist, Division of Reactor Safety
R. B. Landsman, Project Engineer, Decommissioning Branch

Northern States Power Company

S. Northard, Manager, Nuclear Projects
W. Shamlal, Director, Generation Quality Services
J. Kapitz, Project Manager
G. Eckholt, Licensing Project Manager
P. Kamman, Project Manager, Dry Cask Quality Assurance

NRC Region III

June 3, 1998

Enclosure 2

NSP

Dry Cask QA

Fabrication Oversight

QA Assumptions

- **Industry expectations same or increase**
- **Utilities held accountable**
- **Not reasonable to assume Engineering Firms or Fabricators will meet Industry expectations**

QA Assumptions

- **NSP is the organization at highest risk**
- **QA will have a resident person at the Fabricators**
- **QA will do surveillance's of Fabricator activity**

NSP QA Oversight Plan Fabricators

- **NSP Specification invoked by contract**
- **NSP resident QA in fabrication shops**
- **Fabricators placed on NSP AVL**

NSP QA Oversight Plan

Fabricators

- **Sub-suppliers qualifications reviewed**
- **Critical Documents Reviewed**
- **Hold and Witness Points**
- **Stop Work Authority**
- **Receipt Inspections**

QA Oversight Plan Transnuclear

- **Review of NCRs**
- **Annual audits**
- **Oversight of procurement documents
(Safety Related and Augmented)**
- **Safety Related procurements limited
to NSP Approved Suppliers**

QA Coordination Activities

• Supplier QA

- TN, UST&D, PCC on NSP AVL**
- Sub Supplier quals reviewed**

• Coordination

- Meetings with TN, UST&D, PCC**
 - QA Overview Plan & interfaces**

Activities with Fabricators

• PCC & UST&D

- Resident QA Person**
- QA Surveillances**
- Notification / Hold Points**
- Document Reviews**

QA Lessons Learned

- **Get involved early**
- **Stay involved throughout the project**
- **Aggressive oversight**

QA Lessons Learned

- **Keep Sr. Management Informed of QA Issues**
- **Identify Quality oversight expectations early**
- **Quality oversight needs to be integrated**

NSP QA On Site Oversight

- **Receipt inspection**
- **Integrated oversight of support equipment and activities**
- **Preparation for loading**
- **Loading**
- **Preparation to transport to the ISFSI**
- **Placement on the ISFSI**

QA Oversight NSP Engineering

- **Compliance to Contract and Specification**
- **Verification of selected engineering reviews**
- **Compliance to NSPs Quality Program**

QA Industry Activity

• NUPIC Dry Storage Quality Group (DSQG)

- 20 Utilities participating**
- Common Audit Checklist
Engineering / Fabrication**

—First joint audit July 98

**Prairie Island ISFSI
Project Update**

Jon Kapitz
Project Manager
June 3, 1998

Prairie Island TN-40 History

- 1987-1988 Rod consolidation project
- 1988 Dry casks bids
- Nov 1989 TN-40 contract signed
- 12/89 - 5/91 Minnesota EIS
- 4/91-6/92 PUC Cert of Need process
- Aug 1990 NRC application submitted
- June 1992 NRC EA issued
- Oct 1993 NRC license issued

Fabrication/Loading

- Fall '92 Site construction started
- Oct' 92 Cask fab started (7 casks)
- Aug '93 Cask fab suspended
(court ruling-leg. approval)
- June '94 Fabrication restarted
- Jan '95 First cask delivered
- 5/95 - 1/97 First 7 loaded

Current Fabrication

- 5 casks on order
- Option for 5 more - 2000 timeframe
- Cask body - PCC
- Cask Basket - UST&D
- Contract resident at PCC, planned for UST&D
- NSP responsible for shipping

Project Organization

- Nuclear Generation Services (Projects)
 - » Project Manager - full time
 - » Project Engineer - full time
 - » ASME code/welding experts - as needed
- Quality Assurance
 - » Project Manager - full time
 - » Receipt Insp. - as needed (also RT Lvl III)
 - » Other resources as needed
- Plant System Engineer - 'Owner'

Responsibilities

- Nuclear Generation Services
 - » Fabrication, contract admin (budget), vendor oversight, shipping, receipt inspection, NRC interaction, 72.48 evals
- QA
 - » Project and vendor compliance/oversight
- Plant
 - » System engineer - Operations, procedures

Reviews to Date

- 60+ drawings
- 48 weld procedures
- 13 NDE/QA procedures
- 13 NDE procedures
- 27 manufacturing procedures
- 30 purchase orders
- RT film as received

Management Involvement

- NSP Management Oversight Committee
- Monthly project updates
- Fabrication status meeting notes
- Monthly company wide HLW meetings
- Frequent e-mails on significant events

Involvement with Industry

- NEI Issues Task Force
- ANS Dry Storage Workshop
- EPRI Storage and Disposal Steering Committee
- NSP is organizing a TN Owners Group

Schedule

- 5 casks in fabrication
- Will take delivery throughout 1999
- Goal is to load 2 casks before April '99 outage
- Remaining casks will be loaded based on plant operating schedule