



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-4005

April 1, 2003

Clay C. Warren, Vice President of
Nuclear Energy
Nebraska Public Power District
P.O. Box 98
Brownville, Nebraska 68321

SUBJECT: SUMMARY OF CONFIRMATORY ACTION LETTER QUARTERLY
INSPECTION EXIT MEETING WITH COOPER NUCLEAR STATION

Dear Mr. Warren:

This refers to the meeting conducted at the Brownville Concert Hall, Brownville, Nebraska, on March 26, 2003. The purpose of this meeting was to present the results of the NRC's Confirmatory Action Letter quarterly inspection conducted at Cooper Nuclear Station of Nebraska Public Power District. The attendance list and the NRC's and Nebraska Public Power District's presentation slides are enclosed.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosures will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

A handwritten signature in black ink that reads "Kriss M. Kennedy".

Kriss M. Kennedy, Chief
Project Branch F
Division of Reactor Projects

Docket: 50-298
License: DPR-46

- Enclosures:
1. Attendance List
 2. NRC Presentation Slides
 3. NPPD Presentation Slides

cc:

Michael T. Coyle
Site Vice President
Nebraska Public Power District
P.O. Box 98
Brownville, Nebraska 68321

John R. McPhail, General Counsel
Nebraska Public Power District
P.O. Box 499
Columbus, Nebraska 68602-0499

P. V. Fleming, Licensing Manager
Nebraska Public Power District
P.O. Box 98
Brownville, Nebraska 68321

Michael J. Linder, Director
Nebraska Department of
Environmental Quality
P.O. Box 98922
Lincoln, Nebraska 68509-8922

Chairman
Nemaha County Board of Commissioners
Nemaha County Courthouse
1824 N Street
Auburn, Nebraska 68305

Sue Semerena, Section Administrator
Nebraska Health and Human Services System
Division of Public Health Assurance
Consumer Services Section
301 Centennial Mall, South
P.O. Box 95007
Lincoln, Nebraska 68509-5007

Ronald A. Kucera, Deputy Director
for Public Policy
Department of Natural Resources
205 Jefferson Street
Jefferson City, Missouri 65101

Jerry Uhlmann, Director
State Emergency Management Agency
P.O. Box 116
Jefferson City, Missouri 65101

Vick L. Cooper, Chief
Radiation Control Program, RCP
Kansas Department of Health
and Environment
Bureau of Air and Radiation
1000 SW Jackson, Suite 310
Topeka, Kansas 66612-1366

Daniel K. McGhee
Bureau of Radiological Health
Iowa Department of Public Health
401 SW 7th Street, Suite D
Des Moines, Iowa 50309

William J. Fehrman, President
and Chief Executive Officer
Nebraska Public Power District
1414 15th Street
Columbus, Nebraska 68601

Marlin Logan
Presiding Commissioner, Atchison County
P.O. Box 280
Rock Port, Missouri 64482

Randy Rohrs, Chairman
Nemaha County Board of Commissioners
1824 N Street
Auburn, Nebraska 68305

Dennis Martin, Sheriff
Atchison County Sheriff's Office
511 West Clay
Rock Port, Missouri 64482

Brent Lottman, Sheriff
1805 N Street
Auburn, Nebraska 68305

Dick Hainje, Regional Director
Federal Emergency Management Agency, Region VII
2323 Grand Blvd., Suite 900
Kansas City, Missouri 64108-2670

Daniel K. McGhee
Bureau of Radiological Health
321 12th Street
Des Moines, Iowa 50319-0075

Gary McNutt, Director, Radiation Control Program
Section for Environmental Public Health
P.O. Box 570
Jefferson City, Missouri 65102-0570

Robert Leopold, State Liaison Officer
Nebraska Health and Human Services
P.O. Box 95007
Lincoln, Nebraska 68509-5007

Mr. Al Berndt, Assistant Director
Emergency Management Agency
1300 Military Road
Lincoln, NE 68508

Mr. Scott Clardy, Director
Section for Environmental Public Health
P.O. Box 570
Jefferson City, Missouri 65102-0570

ENCLOSURE 1

MEETING ATTENDANCE LIST

MEETING ATTENDANCE

LICENSEE/FACILITY	Nebraska Public Power District Cooper Nuclear Station
DATE/TIME	March 26, 2003; 7:00 p.m.
LOCATION	Brownville Concert Hall Atlantic Avenue and Second Street Brownville, NE 68321
NAME (PLEASE PRINT)	ORGANIZATION
Laverne Wheelon	Brownville Concert Hall
PAUL V FLEMING	CNS
JOE REDLSON	CNS
JIM HUTTON	NPPD
Bill Fitzman	NPPD
Marcia Cady	NPPD
M.T. COYNE	CNS
Joe Bednar	CNS
Allen Williams	CNS
Darlene Williams	Citizen
Robert Grazio	Consultant
PIERRE F. INGOLD	CONSULTANT
Norene Robinson	CNS

MEETING ATTENDANCE

LICENSEE/FACILITY	Nebraska Public Power District Cooper Nuclear Station
DATE/TIME	March 26, 2003; 7:00 p.m.
LOCATION	Brownville Concert Hall Atlantic Avenue and Second Street Brownville, NE 68321
NAME (PLEASE PRINT)	ORGANIZATION
LuAnn Bray	CNS
Scott Lank	St. Joseph News - Press
ROMAN ESTRADA	CNS
JIM GAOSMAN	NPPD
Paul Pettit	TEAM ASSOCIATION
Dick Cooper	TEAM ASSOCIATION
Kim Anville	CNS
VINCE BOPPEL	CNS
VALERIE COE	UNION WORKER
Shuley Drake	citizen
Bobbi J. Shuley	CNS
Kim Liebig	NPPD
Greg Strehle	Cuming County PPB

MEETING ATTENDANCE

LICENSEE/FACILITY	Nebraska Public Power District Cooper Nuclear Station
DATE/TIME	March 26, 2003; 7:00 p.m.
LOCATION	Brownville Concert Hall Atlantic Avenue and Second Street Brownville, NE 68321
NAME (PLEASE PRINT)	ORGANIZATION
Edward Moore	Cuming County PPD
David Kungemiller	NPPD
John Myers	NPPD
John Michael DeBartolo	NPPD
DAVID R MEYERS	NPPD
Marg Coulter	NPPD
Mike Coulter	—
Larry D. Young	NPPD
Hermit Tasmun	NPPD Director

ENCLOSURE 2

NRC PRESENTATION SLIDES

**U.S. Nuclear Regulatory
Commission**

Region IV

**Cooper Nuclear Station
Inspection Exit Meeting**

NRC Personnel

Gail Good	Deputy Director Division of Reactor Projects
Kriss Kennedy	Chief, Branch F Division of Reactor Projects
Tom Farnholtz	Senior Project Engineer, Branch F Division of Reactor Projects
Scott Schwind	Senior Resident Inspector Cooper Nuclear Station
Victor Dricks	Public Affairs Officer Region IV

Nebraska Public Power District

**Cooper Nuclear Station
Introduction**

Meeting Guidelines

Meeting with Licensee
Inform Public of Inspection Findings

NRC Meeting Guidelines

Registration Table
Questions and Answers
Handouts
Feedback Forms

Meeting Agenda

Provisions of Confirmatory Action Letter (CAL) and
The Strategic Improvement Plan (TIP)
Inspection Scope
Inspection Findings
NPPD Response
Questions and Answers

Confirmatory Action Letter

- Emergency Preparedness
- Human Performance
- Material Condition and Equipment Reliability
- Plant Modifications and Configuration Control
- Corrective Action Program, Utilization of Industry Operating Experience, and Self-Assessments
- Implementation of Engineering Programs

Inspection Team

- Tom Farnholtz - Team Leader
- Frank Brush
- Greg Warnick
- Leonard Willoughby

Inspection Scope

- Five of Six CAL Focus Areas
- Completed Revision 1 Steps
- Completed Revision 2 Steps
- Performance Indicators
- Supplemental Inspection (95003) Findings

Inspection Results

- Team reviewed 49 of approximately 263 Revision 2 improvement plan steps
- Strategic Improvement Plan steps completed as scheduled
- Actions taken generally met the requirements of the Strategic Improvement Plan
- Most completed steps were preliminary

Quality of Improvement Plan Closure Packages

- Five packages were considered incomplete
- One set of packages closed with known discrepancies

Procedure Revisions Required by the Improvement Plan

- Changes not annotated as improvement plan required revisions
- Subsequent change made without adequate justification
- Three engineering procedures not revised in accordance with revision requirements

Licensee identified non-cited violation of very low safety significance (Green)



Engineering Evaluation for the Replacement of Service Water Check Valves

- Inconsistent descriptions of system operating parameters
- Justifications in evaluation were not clear



Design Basis Information / Licensing Basis Information Database

No explicit step to begin using the database in the improvement plan



Changes Made In Accordance With the Improvement Plan

- Procedure revision did not fully meet the requirement of action plan step
- Preventive maintenance task frequencies not adequately supported
- Vital bus undervoltage relay reset values not periodically verified



Performance Indicators

- 67 performance indicators used to track schedule completion and effectiveness of the Strategic Improvement Plan
- Difficulty in providing current and updated information
- Performance indicators appeared appropriate and provided useful information



95003 Supplemental Inspection Results

- Sample of findings reviewed to determine if results were incorporated into Revision 2 of the Strategic Improvement Plan
- Items were tracked and included in the improvement plan



U.S. Nuclear Regulatory Commission

Region IV

Cooper Nuclear Station Inspection Exit Meeting



Nebraska Public Power District

Response



**U.S. Nuclear Regulatory
Commission**

Region IV

Cooper Nuclear Station
Inspection Exit Meeting

ENCLOSURE 3

NPPD PRESENTATION SLIDES

First Quarter Inspection 2003 NRC Public Meeting



Cooper Nuclear Station
Brownville, NE
March 26, 2003

The Strategic Improvement Plan (TIP)

- Initially Developed to Improve CNS Performance
- Revised June 2002
 - Included Additional Focus Areas
- Current Revision
 - November 2002
 - Incorporated NRC & CNS Management Observations
 - Identified Commitments

Confirmatory Action Letter (CAL)

- NRC Issued the CAL on January 30, 2003
- Significant Regulatory Items, a Subset of the TIP
- NPPD is Fully Committed

Inspection Results

- NPPD Agrees with NRC
 - Consistent with QA and Licensing Observations
- Learning from Implementation
- TIP Closure Review Group

Improved Performance

- Industrial Safety
- Human Performance
- Emergency Preparedness

Summary

- Off to a Good Start
- Need to Improve Quality of TIP Closure Packages
- Much Work Yet to Do