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

December 27, 2007

D. J. Bannister
Site Director
Omaha Public Power District
Fort Calhoun Station FC-2-4 Adm.
P.O. Box 550
Fort Calhoun, NE 68023-0550

Dear Mr. Bannister:

SUBJECT: MEETING SUMMARY FOR PUBLIC MEETING WITH OMAHA PUBLIC POWER DISTRICT

On December 20, 2007, representatives of Omaha Public Power District met with NRC personnel in the Region IV office located in Arlington, Texas, to discuss performance at Fort Calhoun Station and the status of the station performance improvement plan. The conference was held at the request of the licensee. Omaha Public Power District presented information regarding their plans for preparation for an upcoming NRC inspection to be conducted per Inspection Procedure 95002. The meeting attendance list and a copy of the licensee presentation are included as Enclosures 1 and 2.

In accordance with 10 CFR 2.390 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's Public Document Room or from the Publicly Available Records (PARS) component of the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the Public Electronic Reading Room page of the NRC's public web site at http://www.nrc.gov/reading-rm/adams.html.

Sincerely,

/RA/ for JAC

Jeff A. Clark, Chief
Project Branch E
Division of Reactor Projects

Enclosures:
1. Meeting Attendance List
2. Omaha Public Power District Presentation

cc w/Enclosures:
Joe I. McManis, Manager - Licensing
Omaha Public Power District
Fort Calhoun Station FC-2-4 Adm.
P.O. Box 550
Fort Calhoun, NE 68023-0550

David J. Bannister
Site Director - Fort Calhoun Station
Omaha Public Power District
Fort Calhoun Station FC-1-1 Plant
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Chairman
Washington County Board of Supervisors
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Ronald L. McCabe, Chief
Technological Hazards Branch
National Preparedness Division
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E-Mail To:

EEC	E. Collins
ATH	A. Howell
AXV	A. Vegel
JAC	J. Clark
GBM	G. Miller
GDR	G. Replogle
JDH1	J. Hanna
JCK3	J. Kirkland
DDC	D. Chamberlain
RJC1	R. Caniano
PMNS	Mtg Announcement Coordinator
BAB2	Bruce Boger, ADRO
OEMAIL	D/OE
JET3	J. Thorp
DLP1	D. Pelton, RIV OEDO Coordinator
MTM	M. Markley, Project Manager, NRR
JDH1	Senior Resident Inspector
FPB	P. Bonnett
VLD	V. Dricks, PAO
WAM	W. Maier, RSLO
GMV	M. Vasquez, ES
LAO, JAK	RA Secretaries
AMT, MJS	DRP Secretaries
LMB, LAR, TEK	DRS Secretaries
CMS, BST1, SCG1	DNMS Secretaries
JLP	J. Pellet, IRMB
LPL	P. Longdo, Receptionist
AMM	A. Mattila, Security Advisor

SUNSI Review Completed: GDR ADAMS: ☒ Yes☐ No Initials: GDR
☒ Publicly Available ☐ Non-Publicly Available ☐ Sensitive ☒ Non-Sensitive
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RIV:SPE:DRP/E	PAO	RSLO	C:DRP/E	D:DRP
GBMiller	VLDricks	WAMaier	JAClark	ATHowell
/RA/	/RA/	/RA/	/RA GReplogle for/	/RA TPruett for/
12/27/2007	12/27/2007	12/27/2007	12/27/2007	12/27/2007

OFFICIAL RECORD COPY T=Telephone E=E-mail F=Fax

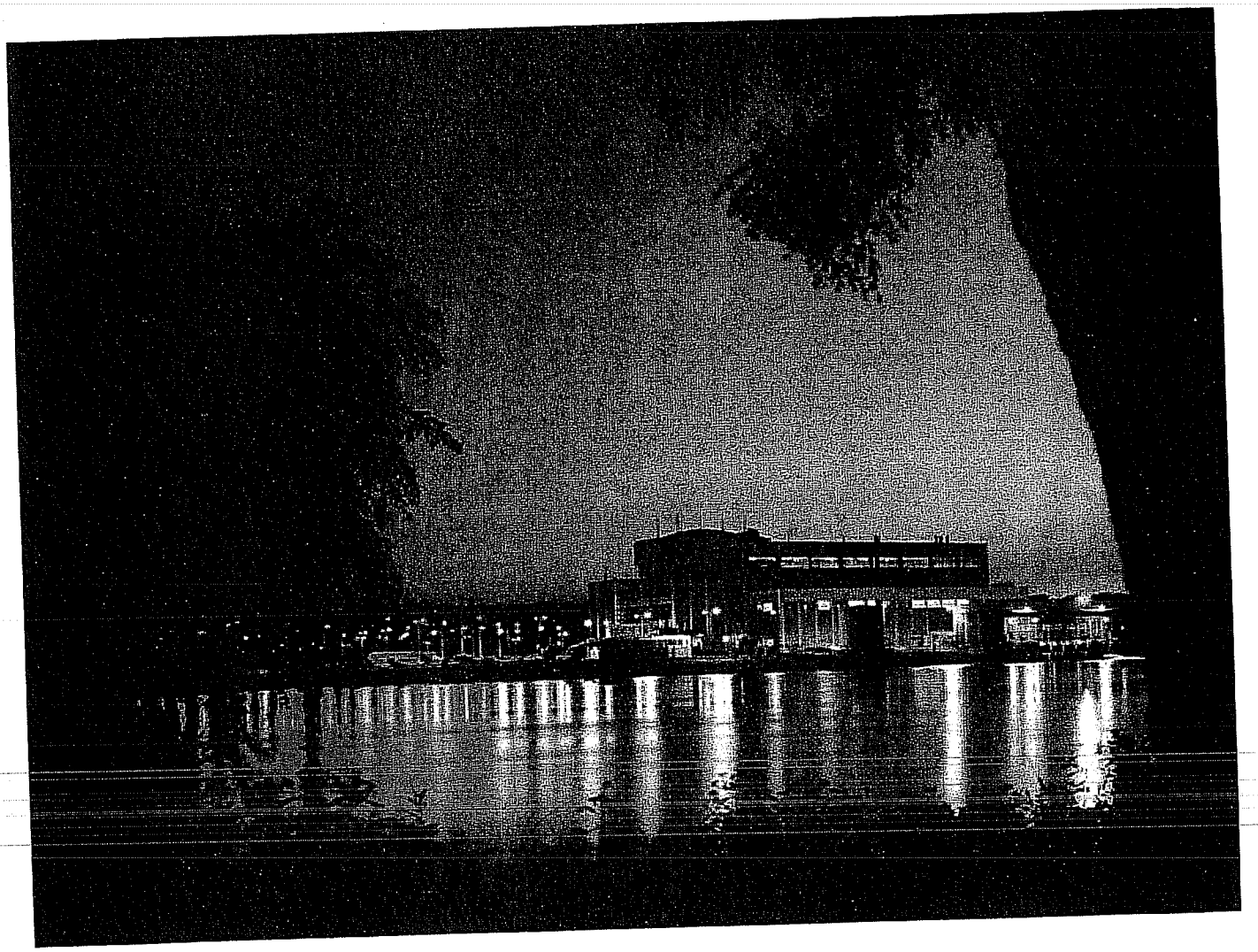
PUBLIC MEETING ATTENDANCE	
LICENSEE/ FACILITY	Omaha Public Power District/ Fort Calhoun Station
DATE/TIME	December 20, 2007 12:30 pm
MEETING LOCATION	Region IV 611 Ryan Plaza Drive, STE 400

MEMBERS OF THE LICENSEE'S ORGANIZATION

NAME (PLEASE PRINT)	ORGANIZATION	TITLE
ART HOWELL	RIV - DRP	Director, DRP
T.P. Gwynn	RIV - ORA	Deputy Regional Administrator
GEOFF MILLER	RIV - DRP	SPE
George Replogle	RIV - DRP	SPE
Ron Short	OPPD - FCS	Manager - Major Projects
Rich Clemens	OPPD - FCS	Div Mgr - Nuclear Engr
Dave Bannister	OPPD - FCS	Site Director
WOODY GOODELL	OPPD - FCS	DIVISION MANAGER - QUALITY & PERF IMPROVEMENT
Mike Smith	OPPD - FCS	Operations Shift Manager
Gary Cavanaugh	OPPD - FCS	Supervisor - Regulatory Compliance

Omaha Public Power District
Public Meeting

Improvement Plan and Preparation Status for the Upcoming 95002 Inspection



December 20, 2007

Improvement Plan and Preparation Status for the Upcoming 95002 Inspection

December 20, 2007

Agenda

- Introductions
- Regulatory Position
- Inspection Preparations
- Corrective Actions
- 95002 Inspection Planning
- Closing

Regulatory Position

Site Director / Acting Chief Nuclear Officer

Dave Bannister

Degraded Cornerstone Inputs

- Column 3 Entry – 6/27/07
- Column 3 Inputs
  - CS Header Valve (HCV-345) White Finding
  - Safety System Functional Failures PI
    - Flow Transmitter Power Supply
    - Containment Air Coolers Valves
    - Faulty Maintenance on CS Valve
    - Loss of SDC
    - Inoperable DG with Inoperable CS Opposite Bus
    - CS Testing Procedural Problem
    - Reactor Vessel Head (Retracted)

Fort Calhoun Station Strategic Goals

Recover our Regulatory Position "Get Back to Column I"

Top Quartile PI's
&
WANO Performance Index

Successful 2008 Outage

INPO '1' in 2009
Second INPO '1' in 2011
(Sustainability)

Reason for Today's Meeting

- Discuss One Part of Excellence Plan
  - Recover Regulatory Position
- Team Sequestered to Prepare for 95002
  - Expanding scope as appropriate
  - Significant outside expertise
  - High-level oversight ongoing
- 95002 Still On Track for February 18, 2008

Team Make-Up

- Senior Manager Oversight
  - Division Manager – Performance Improvement (Woody Goodell)
- Team Manager Oversight
  - Manager (Ron Short)
- Co-Team Leaders
  - SRO (Mike Smith)
  - Regulatory Compliance Supervisor (Gary Cavanaugh)
- Support Team Make-Up
  - Engineering, RP, Work Management, PIR, Quality, Operations

Inspection Preparations

Co-Team Leaders
Gary Cavanaugh & Mike Smith

Team Preparations

- Causal Analyses on Column 3 Inputs Reviewed
- Analyses Found to be Inadequate
- Revised Causal Analysis Processes
- Revised Each Causal Analysis to Strengthen:
  - Causal analysis
  - Extent of cause / condition
  - Safety culture

Team Preparations

Results from Column 3 Common Cause Analysis (CCA):

- Focus Areas Determined
- Additional Metrics In Development
- Additional Corrective Actions in Development

Team Preparations

- SCCI CCA Completed
  - Corrective Actions ongoing
- Degraded Cornerstone CCA Completed
  - Considered extent of condition for column 3 products
  - Corrective Actions ongoing
  - Additional analysis being completed

Team Preparations

- WANO Peer Review Results
  - Ongoing corrective actions
- Analysis of 3 Years' NCVs Completed
  - Independent analysis
  - No new trends identified
- Analysis of 4 years of CAQ / SCAQ Completed
  - Independent analysis
  - No new trends identified

Team Preparations

- Operability Determinations
  - Independent Self Assessment in progress
  - Early indications are no significant items to report
- Operating Experience
  - Independent self assessment in progress

Team-Identified Focus Areas

- Equipment Reliability
- Latent Issues
- Human Performance
- Station Culture
- PIR

Focus Area Content

- Focus Areas Include:
  - Problem statements
  - Causal factors
  - Ongoing corrective actions
  - New corrective action recommendations (under development)
  - Metrics recommendations (under development)

Corrective Actions

Equipment Reliability Corrective Plans

- Diesel Generator Reliability
- Equipment Reliability Optimization Project
  - Single point vulnerability
  - Maintenance optimization
- Zero Tolerance for Equipment Failures
- PMT
  - Implemented EPRI template for PMT specification

Latent Engineering Issues Corrective Plans

- Safety System Self Assessments
- Equipment Reliability Optimization Project
- Improved Post Modification Testing
- Multi-Disciplinary Reviews

Human Performance Corrective Actions

- Management Oversight
- Procedures
- Human Performance Tool Use
- Defense-in-Depth
- Metrics and Trending

Culture Corrective Actions

- Key Management Changes
  - Maintenance
  - System Engineering
  - Design Engineering
  - Outage Manager
- Employee Engagement
- Culture Training
- Workshop – Managing Your Culture
  - Constructive culture
- Quality Contact Hours
  - Changes to program include culture

PIR

- Expansion of CAG
  - Performance Improvement Department
- Causal Analysis Program Upgrades
  - New group to lead analyses
  - Guidance to be upgraded
  - CARB improvements
- Corrective Action Program
  - Metrics additions
  - Drive corrective action program into daily fabric for staff
  - Establish independent reviews of condition report closure

John "Woody" Goodell

95002 Inspection Plan

Current Fort Calhoun Station Plan Schedule

Degraded Cornerstone – 6/27/07

Final Plan Developed – 09/01/07

Team Sequestered – 09/07/07

Key Focus Areas Id'd – 12/10/07

Action Plan/Metrics - 12/31/07

Final Report Due – 1/4/08

Mock NRC 95002 – 01/07-18/08

Tentative Dates for 95002

Inspection – 02/18-29/08

Closing