



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
1600 EAST LAMAR BLVD
ARLINGTON, TEXAS 76011-4511

August 3, 2012

LICENSEE: Omaha Public Power District (OPPD)
FACILITY: Fort Calhoun Station
SUBJECT: SUMMARY OF JULY 17, 2012 MEETING WITH OMAHA PUBLIC
POWER DISTRICT

On July 17, 2012, a Category 1 meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and Omaha Public Power District (OPPD) at The Doubletree Hotel, 1616 Dodge Street, Omaha, Nebraska.

The NRC presented an update of issues and oversight activities at Fort Calhoun Station (Enclosure 1). OPPD presented details of the integrated performance improvement plan, plant status, ongoing work, and corrective action program updates (Enclosure 2).

A video of the public meeting, and responses to the questions directed to the NRC, will be posted on the website devoted to the special oversight at Fort Calhoun Station, available at: <http://www.nrc.gov/info-finder/reactor/fcs/special-oversight.html>.

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 Agency wide 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/readingrm/adams.html>.

To receive a summary of future meetings and other plant-specific e-mail distributions, you must subscribe to the Operating Reactor Correspondence electronic distribution for this plant via <http://www.nrc.gov/public-involve/listserver/plants-by-region.html>. Once subscribed, if you wish to discontinue receiving electronic distribution, you may unsubscribe at any time by visiting the same web address above.

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Docket No. 50-285

Enclosure 1: NRC Presentation slides
Enclosure 2: OPPD Presentation slides

Electronic Distribution by RIV:

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Category A.	<input type="checkbox"/> Non-publicly Available	<input type="checkbox"/> Sensitive	
KEYWORD: 0350			
RIV:BC:DRP/F	PAO	SLO	D:DRP
JClark	VDricks	WMaier	KKennedy
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7/31/12	7/31/12	8/1/12	8/3/12

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 **U.S. NRC**
United States Nuclear Regulatory Commission
Protecting People and the Environment


**Fort Calhoun Station
Public Meeting**

Nuclear Regulatory Commission
July 17, 2012
Omaha, Nebraska

 **U.S. NRC**
United States Nuclear Regulatory Commission
Protecting People and the Environment


Opening and Introductions

- Welcome
- Introduction of NRC and OPPD personnel

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Purpose

- Update the status of NRC actions
- Discuss OPPD's plans for facility performance improvement
- Allow for public interaction and questions

 **U.S. NRC**
United States Nuclear Regulatory Commission
Protecting People and the Environment


NRC Actions

- Revised Confirmatory Action Letter and Restart Checklist issued
- Continued inspection and oversight
 - Permanent local-based resident inspectors
 - Inspections by other NRC Specialists
- Recent inspections
 - Geotechnical
 - Flooding readiness
 - Operator examinations
 - Fire protection
 - 480V bus fire inspection
 - Security inspections

 **USNRC**
U.S. Nuclear Regulatory Commission
Protecting People and the Environment


NRC Status

- Added 5 additional inspectors exclusively for Fort Calhoun Station
- Team inspections and customized inspection plan
- Team inspections began this week

 **USNRC**
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OPPD Presentation

David Bannister
Vice President / Chief Nuclear Officer
Omaha Public Power District

 **USNRC**
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NRC Remarks

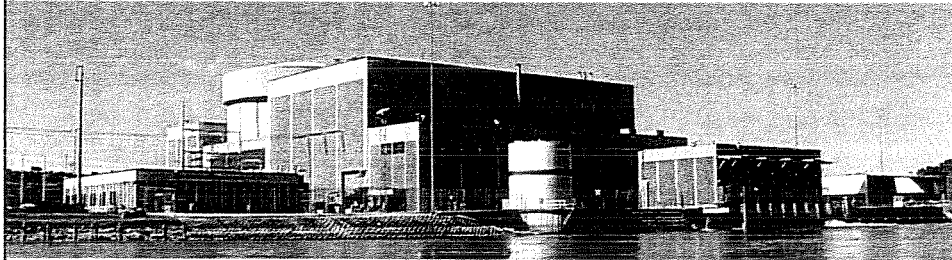
Focus on Safety

 **USNRC**
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Protecting People and the Environment

NRC Remarks

Open discussion

Fort Calhoun Station Public Meeting with the Nuclear Regulatory Commission



July 17, 2012



Agenda



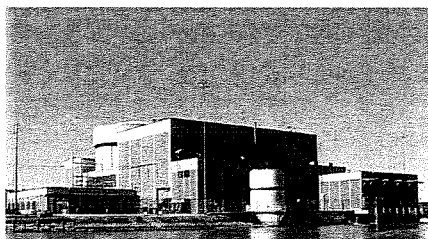
- Opening Remarks
- Process, People and Plant Update
- Closing Remarks



OPPD Open House – May 31

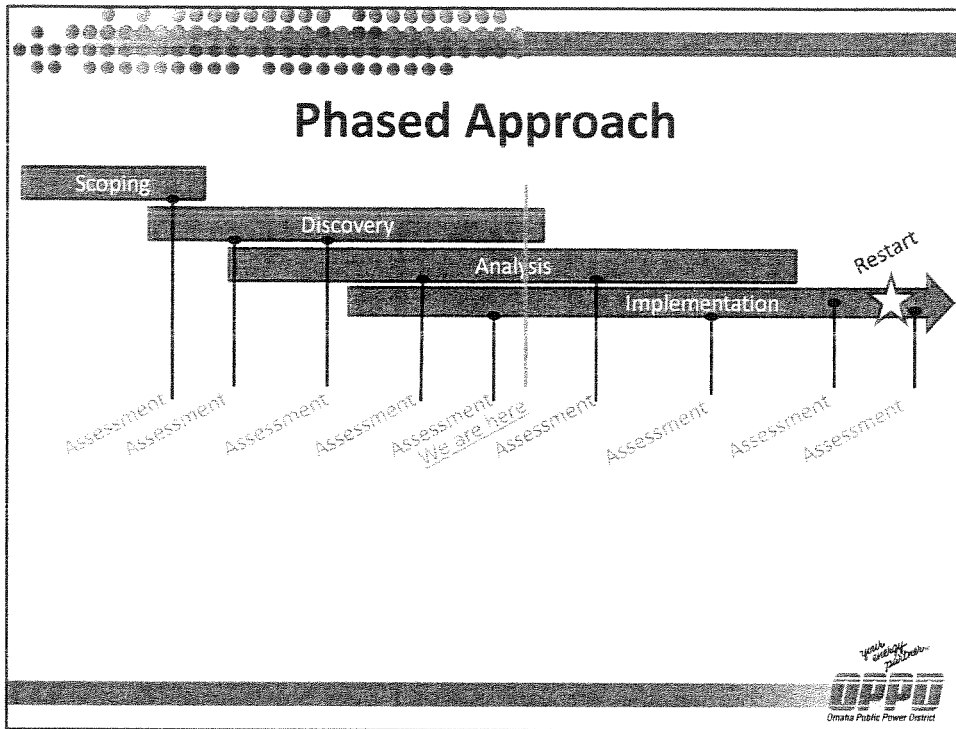


Progress Update



- Plant Status
- Key Accomplishments
 - Integrated Performance Improvement Plan (IPIP)
 - Discovery
 - Improved Performance
- Looking Forward

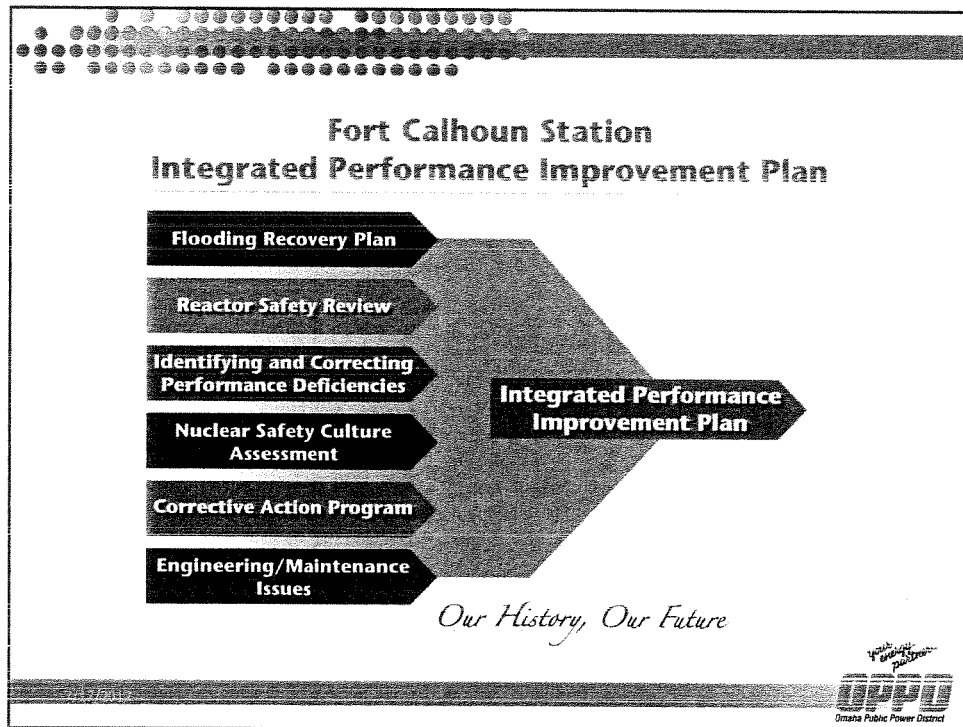
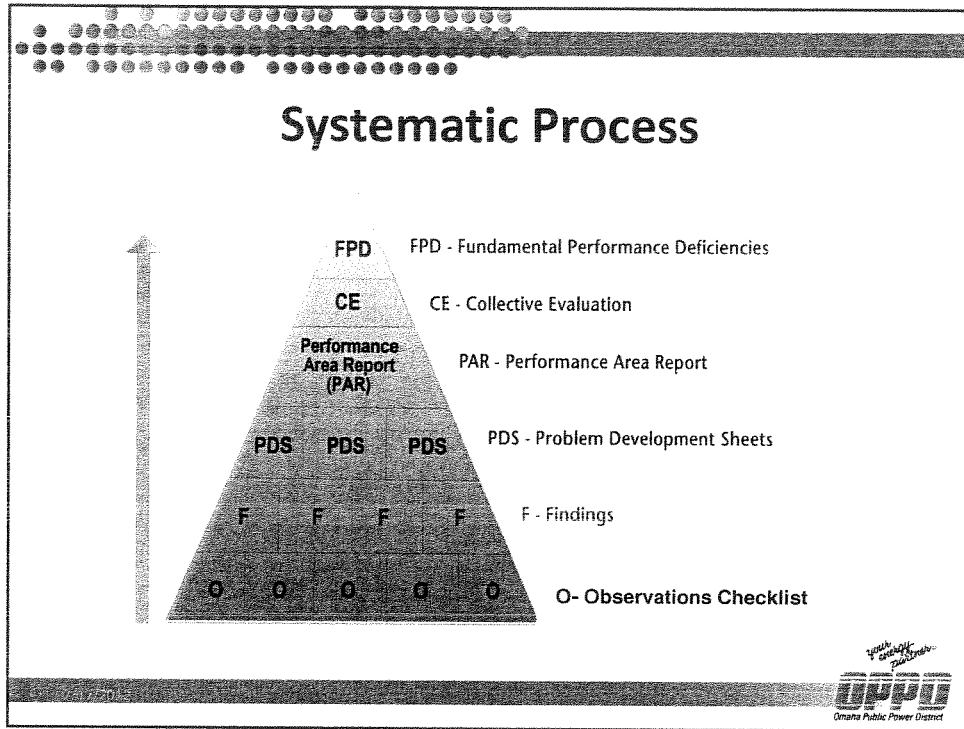




Fort Calhoun Station
OPPD Recovery Manager

Ron Short

The OPPD logo is in the bottom right corner.



Flooding Recovery Plan

- Most field work completed
- Remaining work
 - Manhole restoration
 - Final analysis of soil testing
 - Formal review of remaining actions
 - Pre-defined actions during plant start-up



Reactor Safety Review

- Two system reviews completed:
 - Electrical Distribution
 - High-Pressure Safety Injection
- Insights:
 - Preventive maintenance tasks
 - Procedure references
- Two additional system reviews underway



Identifying and Correcting Performance Deficiencies

- Review of ten major areas completed
- Insights:
 - Root cause assessments
 - Learning/trending programs
 - Independent oversight
- Next step:
 - Causal evaluations of fundamental issues



Nuclear Safety Culture Assessment

- Assessment Completed
 - Conducted by internationally recognized expert
 - Very high employee participation (voluntary)
- Areas for Improvement
 1. Develop and follow a strategic vision/plan
 2. Improve the corrective action program
 3. Foster an open environment for challenging decisions
 4. Improve accountability



Nuclear Safety Culture Assessment

- Key Actions:
 1. Improve corporate governance/oversight, including a strategic vision/plan
 2. Implement a management model emphasizing improvement
 3. Monitor safety-conscious work environment health
 4. Implement an accountability model



Corrective Action Program

- Program improvements implemented
 - Established new behavioral expectations for leaders and staff
 - CAP Coordinators
 - Seeing positive results
- Next steps
 - Monitor new performance indicators
 - Monthly trending of issues
 - Conduct audit and self-assessment



**Engineering/Maintenance
Issues**

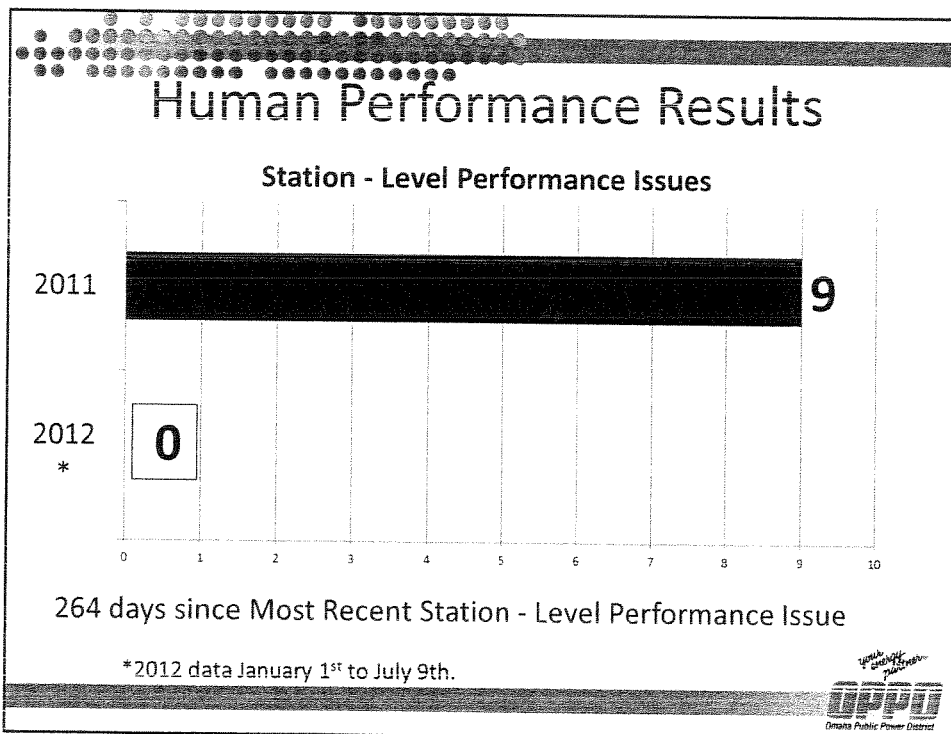
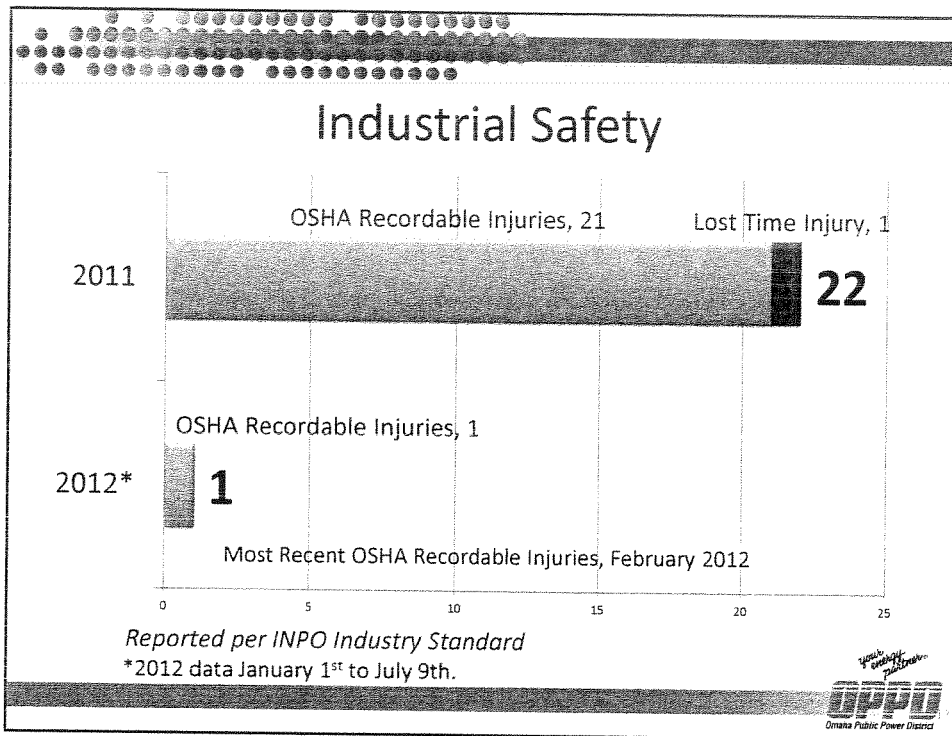
- Discovery in progress
- Insights
 - Equipment parts
 - Technical thoroughness
 - Checks and balances
- Next steps
 - Complete discovery
 - Fix findings and strengthen processes

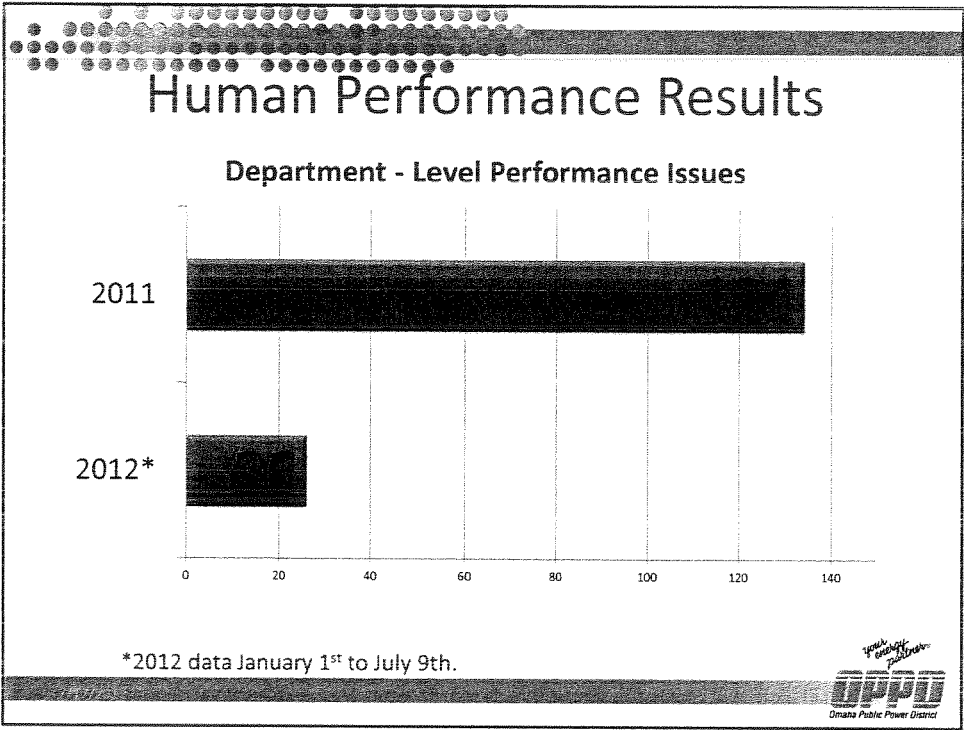


Fort Calhoun Station
Plant Manager

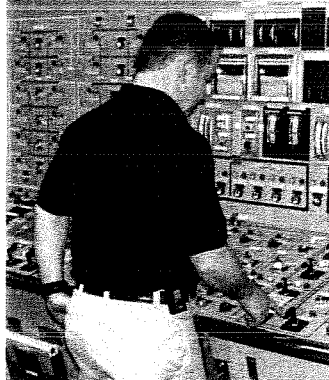
Mike Prospero
PLANT STATUS








2012 – Plant Program Successes



- Significant Enhancements to Corrective Action Program
 - Elevated Oversight to Plant Manager and Senior Managers
- Leadership and Safety Behavior Changes
 - Root Cause and Improvement Actions - Organizational Effectiveness
 - Root Cause and Improvement Actions - Safety Conscious Work Environment
- Operations Training Re-accreditation



2012 – Physical Work Accomplished

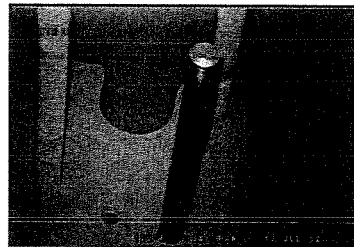
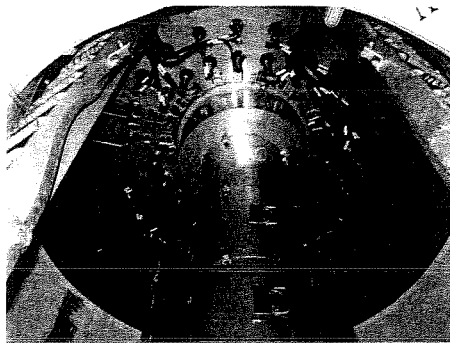


- Shutdown Cooling Valve Replaced



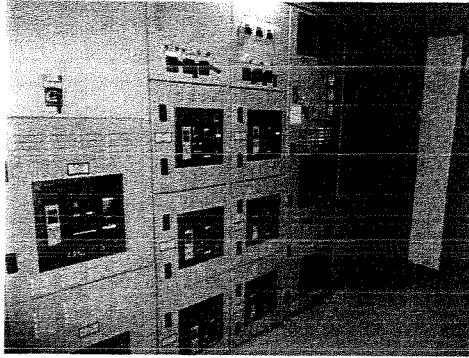
2012 – Physical Work Accomplished

- Pressurizer Heater Repairs



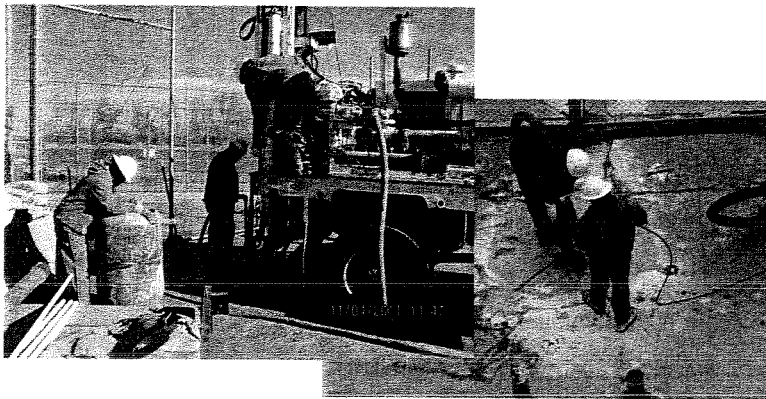
2012 – Physical Work Accomplished

- 480V Electrical Bus Restored



2012 – Physical Work Accomplished

- Soils and Foundations Testing



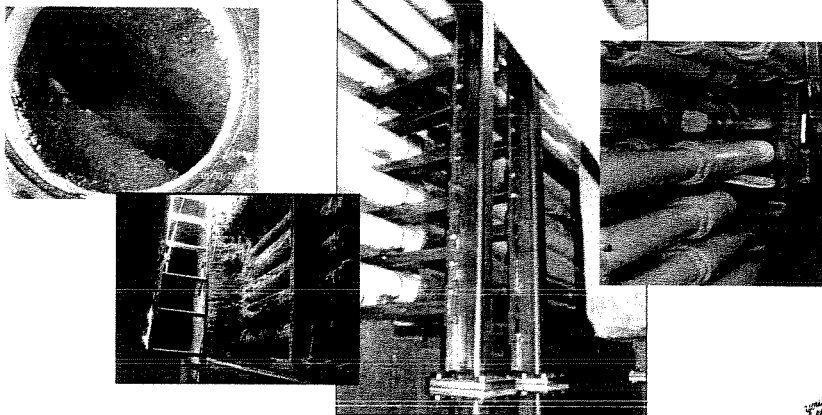
2012- Physical Work

- ✓ Engineering Safeguards Features Testing Complete
- ✓ Weather Tower Restored to Service
- ✓ Two Reactor Coolant Pump Seals Replaced
- ✓ Circulating Water/Sluice Gates Inspected for Flood Readiness
- ✓ Refurbished all circulating water pumps
- ✓ Demineralized Water Storage Tank Returned to Service
- ✓ Most Flood Restoration Actions Completed
- ✓ Safety Valves Repaired and Tested
- ✓ Refurbished Safety Feed Pump Motor




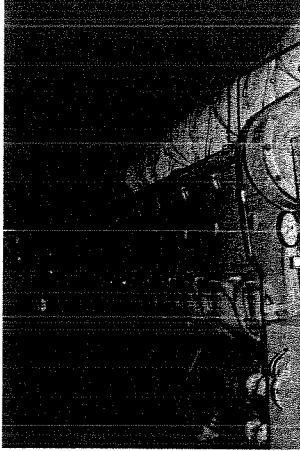
Ongoing Activities

- Manhole Restoration



Ongoing Activities


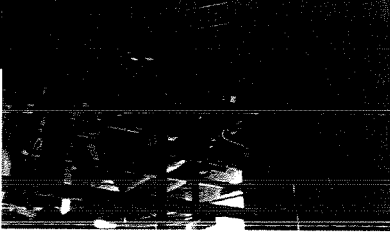

- Backup Diesel Generator Reliability Enhancements



Omaha Public Power District

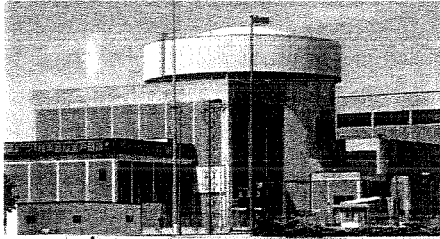
Ongoing Activities

- Containment Support Beams



Omaha Public Power District

Good Progress



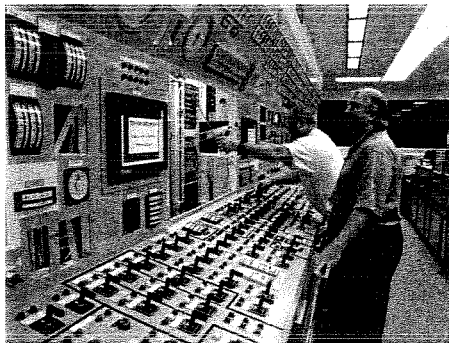
✓ Physical work on plant is being completed



✓ Human behavior is changing



Closing Remarks



- Key Learnings
- Safety Focus
- Performance Improvement Focus
- Operational Focus



