

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

April 13, 2004

J. V. Parrish (Mail Drop 1023) Chief Executive Officer Energy Northwest P.O. Box 968 Richland, WA 99352-0968

#### SUBJECT: MEETING SUMMARY FOR END-OF-CYCLE PERFORMANCE ASSESSMENT FOR COLUMBIA GENERATING STATION

Dear Mr. Parrish:

This refers to the Category 1 public meeting conducted at the Energy Northwest Office Complex in Richland, Washington, on April 6, 2005. The meeting attendance list and a copy of the slides presented during the meeting are enclosed.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made 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 <a href="http://www.nrc.gov/reading-rm/adams.html">http://www.nrc.gov/reading-rm/adams.html</a> (the Public Electronic Reading Room).

Should you have any questions concerning this matter, we will be pleased to discuss them with you.

Sincerely

William B. Jones, Chief Project Branch E Division of Reactor Projects

Docket: 50-397 License: NPF-21

Enclosures:

- 1. Attendance List
- 2. Presentation

cc w/enclosures: Gary Robertson, Director Division of Radiation Protection Department of Health P.O. Box 47827 Olympia, WA 98504-7827

Claude Oliver, Chairman Board of Benton County Commissioners P.O. Box 190 Prosser, WA 99350

Frank H. Brock, Chair Board of Franklin County Commissioners 1016 North 4th Street Pasco, WA 99301

Federal Emergency Management Agency Federal Regional Center Mr. John Pennington, Regional Director Region X 130 228th Street, SW Bothell, WA 98021-9796

Lynn Albin, Radiation Physicist Washington State Dept. of Health P.O. Box 47827 Olympia, WA 98504-7827

The Honorable James R. Beaver Mayor of Kennewick City Hall 210 West 6<sup>th</sup> Avenue Kennewick, WA 99336

Gary Crutchfield Pasco City Manager P.O. Box 293 Pasco, WA 99301

John C. Darrington Manager, City of Richland City Hall, 505 Swift Boulevard Richland, WA 99352

Rick Dodson, Environmental Health Benton-Franklin Co. Health District 800 West Canal Drive Kennewick, WA 99336

The Honorable Michael Garrison Mayor of Pasco P.O. Box 293 Pasco, WA 99301-293

Dr. Larry Jecha Benton-Franklin Co. Health District Environmental Health 471 Williams Street Richland, WA 99352

Mike Wilson, Organizational Project Manager Nuclear Waste Programs Department of Ecology P.O. Box 47600 Olympia, WA 98504

The Honorable Jerry Peltier Mayor of West Richland City Hall 3801 West Van Giesen West Richland, WA 99352

The Honorable Rob Welch Mayor, City of Richland City Hall, 505 Swift Boulevard Richland, WA 99352

Jim Mullen, Director WA State Emergency Management Military Department Building 20 (MS TA-20) Camp Murray, WA 98430-5122

W. Scott Oxenford (Mail Drop PE04) Vice President, Technical Services Energy Northwest P.O. Box 968 Richland, WA 99352-0968

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Chairman Energy Facility Site Evaluation Council P.O. Box 43172 Olympia, WA 98504-3172

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Matt Steuerwalt Executive Policy Division Office of the Governor P.O. Box 43113 Olympia, WA 98504-3113

Lynn Albin, Radiation Physicist Washington State Department of Health P.O. Box 7827 Olympia, WA 98504-7827

Electronic distribution by RIV: Regional Administrator (**BSM1**) DRP Director (**ATH**) DRS Director (**DDC**) DRS Deputy Director (**KSW**) Senior Resident Inspector (**ZKD**) Branch Chief, DRP/E (**WBJ**) Senior Project Engineer, DRP/E (**VGG**) Team Leader, DRP/TSS (**RLN1**) RITS Coordinator (**KEG**) **RidsNrrDipmlipb** 

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#### NRC Public Meeting April 6, 2005 6:00PM

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#### NRC Public Meeting April 6, 2005 6:00PM



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Enclosure 2





## Agenda• Introductions• NRC Review of Reactor Oversight Process• NRC Discussion of Plant Performance Results• Energy Northwest Response and Remarks• Question and Answer Period• NRC Closing Remarks



## NRC Representatives• Tony VegelDeputy Division Director, DRP• William B. JonesBranch Chief• Zachary DunhamSenior Resident Inspector• Ronald CohenResident Inspector









## Examples of Baseline Inspections Equipment Alignment Triennial Fire Protection Operator Response Emergency Preparedness Rad Release Controls Worker Radiation Protection Corrective Action Program Corrective Action Case Reviews







| Status at End of CY 2004                 |      |  |  |  |  |  |
|--|------|--|--|--|--|--|
| Licensee Response                        | 78   |  |  |  |  |  |
| Regulatory Response                      | 21   |  |  |  |  |  |
| Degraded Cornerstone                     | 0    |  |  |  |  |  |
| Multiple/Repetitive Degraded Cornerstone | 3    |  |  |  |  |  |
| Unacceptable                             | 0    |  |  |  |  |  |
| Total                                    | 102* |  |  |  |  |  |
| *Davis-Besse is in IMC 0350 process      |      |  |  |  |  |  |



#### **Columbia Generating Station Inspection Activities**

(Jan 1 - Dec 31, 2004)

Regional Inspection Effort

• Division of Reactor Projects 2050 hours

Division of Reactor Safety
 950 hours

#### Columbia Generating Station Inspection Activities

(Jan 1 - Dec 31, 2004)

- Baseline Inspection Program
- March 2004 inspection of the Independent Spent Fuel Storage Installation



#### Columbia Generating Station Assessment Results

(Jan 1 - Dec 31, 2004)

- Energy Northwest operated Columbia Generating Station within the Licensee Response Column of the NRC's Action Matrix
  - All inspection findings and performance indicators were of very low safety significance (licensee response)
- No Supplemental Inspections







#### Substantive Cross-Cutting Issues

(Jan 1 - Dec 31, 2004)

- Problem Identification and Resolution Cross-Cutting Issue
- Human Performance Cross-Cutting Issue





#### Substantive Problem Identification and Resolution Cross-Cutting Issue

- Problem Identification and Resolution Cross-Cutting Issue
  - Common performance characteristic primarily involved a lack of rigor with regard to aggressively identifying and correcting problems with plant design information
  - Fewer findings identified that appear to be direct result of improvement initiatives in this area
  - No further NRC focused inspections for this substantive crosscutting area









#### Human Performance Cross-Cutting Issue Resolution

- NRC review determines that operator performance has improved and Operations Department Performance Improvement Plan has been effective
  - Follow up inspection using Inspection Procedure 71152, "Identification and Resolution of Problems"
  - Semi-annual reviews during the next midcycle review
  - Problem Identification and Resolution team inspection focus, in part, on Energy Northwest's actions to address human performance

#### **Columbia Generating Station Annual Assessment Summary**

- Energy Northwest operated Columbia Generating Station in a manner that preserved public health and safety and all cornerstone objectives were met
- NRC assessed Columbia Generating Station within the Licensee Response Column of the Action Matrix
- NRC baseline inspections at Columbia Generating Station



### Licensee Response and Remarks J. V. Parrish Chief Executive Officer Energy Northwest

#### **Contacting the NRC**

- Report an emergency
  - ► (301) 816-5100 (call collect)
- Report a safety concern:
  - ▶ (800) 695-7403
  - ► Allegation@nrc.gov
- General information or questions
  - ▶ <u>www.nrc.gov</u>
  - ► Select "What We Do" for Public Affairs







# **Operational Performance**

April 6, 2005 *Tom Lynch Plant General Manager Columbia Generating Station* 

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- Energy Northwest has implemented a systematic approach for improving human performance
- Energy Northwest has heightened the emphasis on managing human performance at all levels
  - Examples of recent actions:
- Error Prevention Tools Training
  - Barrier Management Training
- Improvements in Error Investigation
  - Station Event Free Clock



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| Assessment Letter Comment   |
|---|
| "The NRC will review this substantive<br>crosscutting issue to determine<br>whether operator performance has<br>improved and to determine whether<br>the Operations Department<br>Performance Improvement Plan has<br>been effective" |
| 3<br>People Vision Solutions  |

| Performance Plan Status | We did what we said we would do: | Operations Performance Improvement Plan<br>presentation - October 2004 Public Meeting | Leadership Improvements | <ul> <li>Training Improvements</li> </ul> | <ul> <li>Operations' Role in Work Management</li> </ul> | <ul> <li>Human Performance Initiatives</li> </ul> | <ul> <li>Control Room Conduct and</li> </ul> | Professionalism Improvements | 4<br>People Vision Solutions |
|-------------------------|----------------------------------|---|-------------------------|---|---|---|--|------------------------------|------------------------------|
|                         |                                  |   |                         |   |   |   |  |                              |                              |

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| Summary | <ul> <li>Our efforts to improve human<br/>performance will remain vigilant</li> <li>Our metrics demonstrate<br/>improvements are being achieved</li> <li>Our commitment to safe operation will<br/>not be compromised</li> </ul> | The propervision Solutions |
|---------|--|----------------------------|
|         |  |                            |