



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064

APR 19 2002

J. V. Parrish
Chief Executive Officer
Energy Northwest
P.O. Box 968; MD 1023
Richland, Washington 99352-0968

SUBJECT: End-of-Cycle Public Meeting for the Columbia Generating Station between the NRC and Energy Northwest Officials

Dear Mr. Parrish:

This refers to our meeting conducted at the Richland Public Library Gallery, 955 Northgate Drive Richland, Washington, on April 10, 2002, at 6:30 p.m. (PST). At this meeting, the NRC met with you and your management staff to discuss the NRC's independent reactor oversight process and the results of the NRC's implementation of the oversight process at the Columbia Generating Station for the period April 1 through December 29, 2001. This included inspection findings related to not meeting an emergency planning standard for members of the public, and a potential adverse trend in the crosscutting area of human performance. In addition, the NRC discussed one issue of regional and national interest. This issue involved plant security.

The NRC and Energy Northwest responded to questions from the audience following the presentation. No questions remained to be addressed following the meeting.

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/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

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

Sincerely,

A handwritten signature in black ink that reads "William B. Jones".

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

Docket: 50-397
License: NPF-21

Energy Northwest

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Enclosures:

1. Attendance List
2. Presentation Slides

cc w/enclosures:

Chair
Energy Facility Site Evaluation Council
P.O. Box 43172
Olympia, Washington 98504-3172

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Energy Northwest

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Chairman
Board of Benton County Commissioners
P.O. Box 190
Prosser, Washington 99350

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

Federal Emergency Management Agency
Federal Regional Center
John Pennington, Regional Director
130 228th Street, SW
Bothell, Washington 98021-9796

ENCLOSURE 1
ATTENDANCE LIST

END-OF-CYCLE MEETING ATTENDANCE

LICENSEE/FACILITY	Energy Northwest - Columbia Generating Station
DATE/TIME	April 10, 2002; 6:30 p.m.
LOCATION	Richland Public Library - Gallery Room
NAME (PLEASE PRINT)	ORGANIZATION
Lynn Ann Holm	Local - Public
Mary Holm	Local - Public
Terry Alton	Local - Public
John Peters	Energy Northwest
Douglas W. Coleman	Energy Northwest
Don Feldman	Energy Northwest
Jim Girin	Energy Northwest
Eleanor Castle	FEMA Region X
Jack Pierce	Energy Northwest
Paul Ingersoll	Energy Northwest
Fred Klaus	Energy Northwest
Rod Webring	Energy Northwest
Jeff Gloyn	Energy Northwest

END-OF-CYCLE MEETING ATTENDANCE

LICENSEE/FACILITY	Energy Northwest - Columbia Generating Station
DATE/TIME	April 10, 2002; 6:30 p.m.
LOCATION	Richland Public Library - Gallery Room
NAME (PLEASE PRINT)	ORGANIZATION
C. L. Perino	Energy Northwest
Bear Bentrap	Local - Public
Gregory Smith	Energy Northwest
Louisa Dovey	Energy Northwest
Dave Fraley	Energy Northwest
Charles Townsend	Energy Northwest
S. K. Rehter	Energy Northwest
John Arbuckle	Energy Northwest
Darrow Fujiyoshi	Energy Northwest
Carl King	Energy Northwest
Howard Kaczmaek	Local - Public
John Hanson	Energy Northwest
Carl Fies	Energy Northwest

ENCLOSURE 2
PRESENTATION SLIDES

Nuclear Regulatory Commission Region IV



End of Cycle Meeting for Columbia Generating Station

- 6:30 PM Opening Remarks – NRC
- 6:35 PM Introductions – NRC and Energy Northwest
- 6:40 PM Regulatory Oversight Process and Columbia Generating Station Assessment – NRC and Energy Northwest
- 7:30 PM Current Issues – NRC
- 7:40 PM Comments – NRC and Energy Northwest
- 7:50 PM Questions and Answers

ANNUAL ASSESSMENT MEETING



**Nuclear Regulatory Commission
Region IV**



NRC Personnel

Ken Brockman **Director**
Division of Reactor Projects

Bill Jones **Chief, Branch E**
Division of Reactor Projects

George Replogle **Senior Resident Inspector**
Columbia Generating Station

Michael Peck **Resident Inspector**
Columbia Generating Station



Meeting Agenda

- **REGULATORY OVERSIGHT**
- **FINDINGS AND ASSESSMENTS**
- **ADDITIONAL FOCUS AREAS**
- **QUESTIONS AND ANSWERS**



NRC Meeting Guidelines

- **Registration Table**
- **Questions and Answers**
- **Handouts**
- **Feedback Forms**

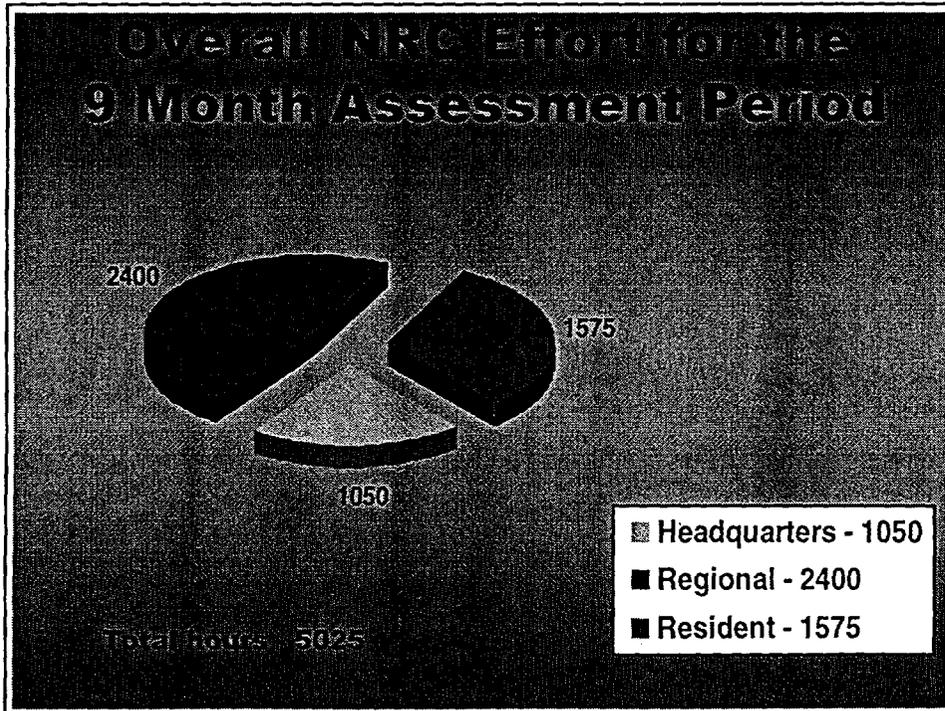
Energy Northwest

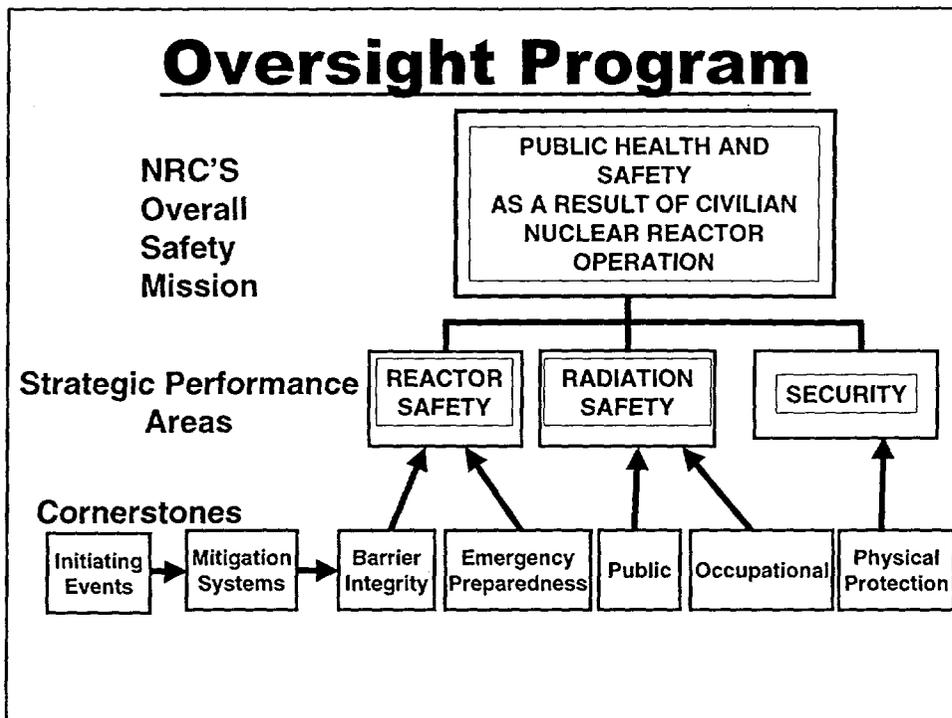
Introduction



NRC Performance Goals

- **Maintain safety and protect the environment**
- **Enhance public confidence**
- **Improve:**
 - effectiveness
 - efficiency
 - realism of processes and decision making
- **Reduce unnecessary regulatory burden**

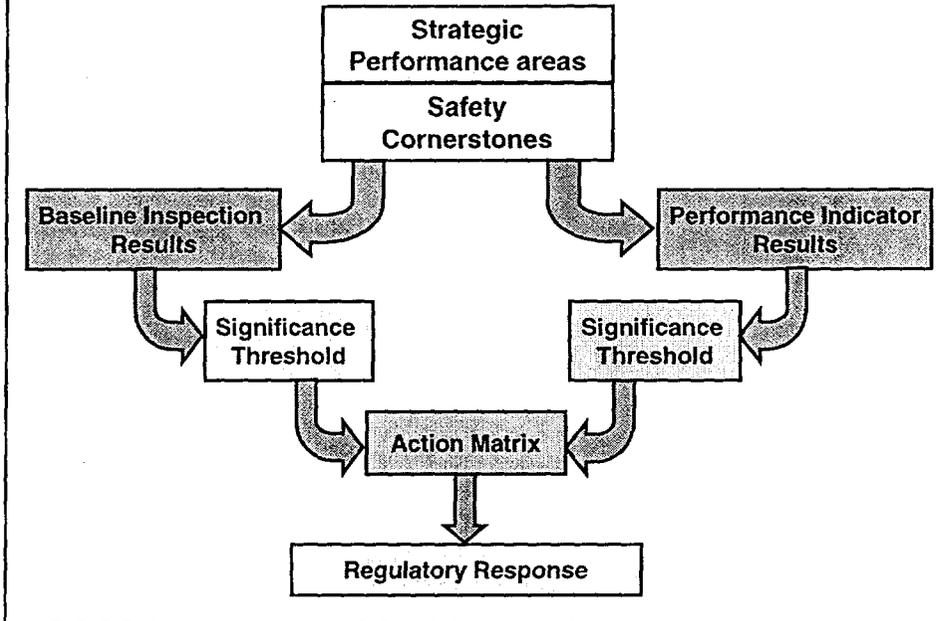





Key Aspects of the Assessment Program

- **Objective review of licensee performance**
- **“Action Matrix” to determine agency response in three areas**
- **Plant specific assessment letters**
- **Information on NRC public web site**

Reactor Oversight Process



Reactor Oversight Process

SAFETY SIGNIFICANCE

GREEN	- very low
WHITE	- low to moderate
YELLOW	- substantial
BLACK	- high



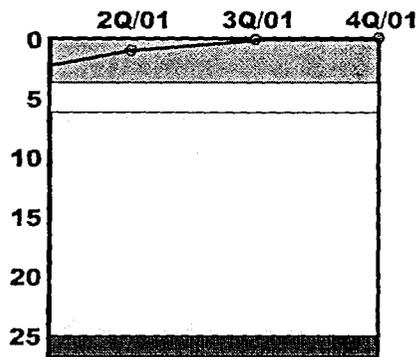
Performance Indicators

- Provide objective measures
- Indicators for all Strategic Areas
- NRC verifies through inspections



Performance Indicators

Unplanned Scrams per 7000 critical hours



Thresholds

White > 3.0

Yellow > 6.0

Red > 25.0

Unplanned scrams per 7000 critical hours	2Q/01	3Q/01	4Q/01
Actual scrams	0	0	0
Critical hours	1265.4	2080.0	2209.0
Indicator value	0.9	0.0	0.0



Resident Inspectors

- **Live in Community**
- **Prompt Response Capability**
- **Stationed at Plant**



Regional Inspectors

- **Specialized**
- **Team Inspections**
- **Reactive Inspections**



Baseline Inspection **Program**

- **Gathers objective evidence of plant safety**
- **Conducted at all plants**
- **Focuses on safety-significant:**
 - **Systems**
 - **Components**
 - **Activities**
 - **Events**



Baseline Inspection **Program**

- **Monitors licensee effectiveness in finding and fixing safety issues**
- **Inspection reports describe significant findings and non-compliance**
- **Inspection reports are publicly accessible**

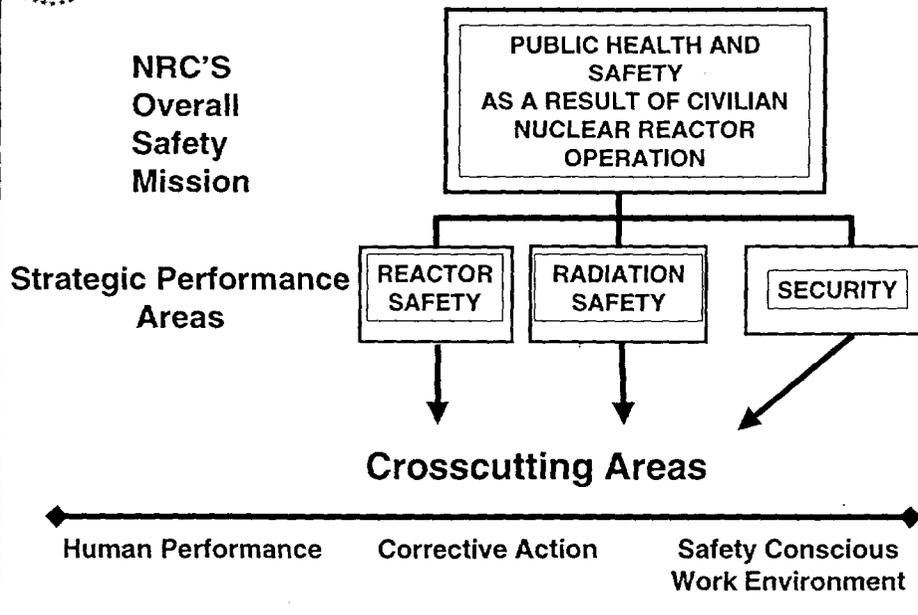


Event Follow-Up and Supplemental Inspections

- Review events for significance
- Follow-up significant inspection findings
- Determine causes of performance declines
- Provide for graduated response



Crosscutting Areas





Inspection Program

- **Inspection reports describe findings and non-compliance which are more than minor**
- **Inspection reports are publicly accessible**

www.NRC.gov/reading-rm/adams.html



Assessment Program

- **Objective review of licensee performance**
- **“Action Matrix” to determine agency response in three areas:**
 - **Inspection**
 - **Management Involvement**
 - **Regulatory Actions**
- **Plant specific assessment letters**
- **Information on NRC public web site**

ACTION MATRIX

		Licensee Response Column	Regulatory Response Column	Degraded Cornerstone Column	Multiple/Repetitive Degraded Cornerstone Column	Unacceptable Performance Column
RESULTS		All Assessment Inputs (Performance Indicators (PI's) and Inspection Findings Green; Cornerstone Objectives fully met	One or Two White Inputs (in different cornerstones) in a Strategic Performance Area; Cornerstone Objectives fully met	One Degraded Cornerstone (2 White inputs or 1 Yellow Input) or any 3 White Inputs in a Strategic Performance Area; Cornerstone Objectives met with moderated degradation in safety performance	Repetitive Degraded Cornerstone, Multiple Degraded Cornerstones, Multiple Yellow Inputs, or 1 Red Input; Cornerstone Objectives met with longstanding issues or Significant degradation in Safety performance	Overall Unacceptable Performance; plants not permitted to operate within this band, Unacceptable Margin to Safety
RESPONSE	Regulatory Performance Meeting	None	Branch Chief (BC) or Division Director (DD) meet with Licensee	DD or Regional Administrator (RA) meet with Licensee	RA (or EDO) meet with Senior Licensee Management	Commission meeting With Senior Licensee Management
	Licensee Action	Licensee Corrective Action	Licensee root cause Evaluation and corrective Action with NRC oversight	Licensee cumulative root cause evaluation with NRC oversight	Licensee Performance Improvement Plan with NRC oversight	
	NRC Inspection	Risk-Informed Baseline Inspection Program	Baseline and supplemental inspection procedure 95001	Baseline and supplemental inspection procedure 95002	Baseline and supplemental inspection procedure 95003	
	Regulatory Actions ¹	None	Supplemental inspection only	Supplemental inspection only	-10 CFR 2.204 DFI -10 CFR 50.54(f) Letter -CAL/Order	Order to modify, Suspend, or revoke licensed activities
COMMUNICATION	Assessment Letters	BC or DD review/sign Assessment report (w/ inspection plan)	DD review/sign assessment report (w/ inspection plan)	RA reviews/sign assessment report (w/ inspection plan)	RA review/sign assessment report (w inspection plan)	
	Annual Public Meeting	SRI or BC meet with Licensee	BC or DD meet with Licensee	RA (or designee) discuss performance with Licensee	EDO discuss performance with Senior Licensee Management	
	Commission Involvement	None	None	None	Plant discussed at AARM	Commission Meeting with Senior Licensee Management
						

Note 1: The regulatory actions for plants in the Multiple/Repetitive Degraded Cornerstone column are not mandatory agency actions. However, the regional office should consider each of these regulatory actions when significant new information regarding licensee performance becomes available.



Plant Safety Performance Summary



Performance Indicator **Results**

**All Performance Indicators are within the
Licensee Control Band**

**Performance Indicator results available on the
NRC's public web site:**

**[www.NRC.gov/NRR/OVERSIGHT/ASSESS/WASH2/
wash2_chart.html](http://www.NRC.gov/NRR/OVERSIGHT/ASSESS/WASH2/wash2_chart.html)**



Inspection Results

**Emergency Preparedness safety significant
inspection finding**

**Human Performance substantive cross-
cutting issue**

Two supplemental inspections scheduled



Yellow Finding

- **Emergency Preparedness Cornerstone**
- **Inability to notify and provide radiological protection for members of the public located at leased facilities**
- **Moderate safety significance**

**Energy Northwest
Response**



Crosscutting Issue

- **NRC identified adverse trend**
 - **Human Performance**



Human Performance

Personnel Performance issues and errors contributed to a Yellow finding and a number of Green findings

- **Emergency Preparedness**
- **Maintenance**
- **Operations**
- **Radiation Protection**

Energy Northwest Response



Assessment Conclusions

- **Began assessment period in Licensee Response Column**
- **Ended assessment period in Degraded Cornerstone Column**
- **Supplemental Inspection (95002)**
- **Problem Identification and Resolution Inspection**



Assessment Conclusions

- **Public Health and Safety Assured**
- **Strategic Area Objectives Met with Moderate Degradation in Safety Performance**
- **Significant Performance Issues Warrant Further Inspection**

**Energy Northwest
Response**



Additional Focus Areas

- **NRC Responds As-Needed**
- **Mandated Licensee Actions**
- **Implemented Emergency Response**



Nuclear Industry Issue

Security at Nuclear Power Plants

- **Substantial security measures in place prior to terrorist attacks**
- **Federal, State, Local and Licensee integrated response to terrorist threat**



Security Response

NRC Advisories

- **Nuclear power plants at highest security level**
- **Updated with integrated threat information**

NRC Issues Security Order



Summary

- **Comprehensive Oversight Program**
- **Columbia Generating Station maintained public health and safety**
- **Capability and resources to respond and impose additional requirements**

Energy Northwest

CLOSING REMARKS

Contacting the NRC

- **Report an Emergency:**
(301) 816-5100 (collect)
- **Report a Safety Concern:**
(800) 695-7403 or Allegation@nrc.gov
- **General Information or questions:**
www.nrc.gov

Select “What we do” for Public Affairs

Electronic distribution by RIV:
 Regional Administrator (**EWM**)
 DRP Director (**KEB**)
 DRS Director (**ATH**)
 Senior Resident Inspector (**GDR**)
 Branch Chief, DRP/E (**WBJ**)
 Project Engineer, DRP/E (**JSD**)
 Staff Chief, DRP/TSS (**PHH**)
 RITS Coordinator (**NBH**)
 B. Henderson, PAO (**BWH**)
 W. A. Maier, RSLO (**WAM**)
 C. J. Gordon (**CJG**)
 DRS Branch Chiefs (**GMG, ATG, CSM**)
 W. D. Travers, EDO (**WDT**)
 M. Johnson, Chief, NRR/DIPM/IIPB (**MRJ1**)
 R. K. Frahm, PPR Program Manager, NRR/DIPM/IIPB (**RKF**)
 B. A. Boger, Associate Dir. for Inspection and Programs (**BAB2**)
 B. W. Sheron, Associate Dir. for Project Licensing and Technical Analysis (**BWS**)
 J. Shea, Chief, Regional Operations Staff, OEDO (**JWS1**)
 S. Richards, NRR Project Director (**SAR**)
 R. Gramm, Chief, Section 1, NRR/DLPM (**RAG**)
 J. Cushing, NRR Project Manager (**JXC9**)
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RIV/PE/DRP/E	C/DRP/E			
JSDodson	WBJones			
/RA/	/RA/			
4/15/02	04/19/02			