

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

July 2, 2001

Gregory M. Rueger, Senior Vice President, Generation and Chief Nuclear Officer Pacific Gas and Electric Company Diablo Canyon Power Plant P.O. Box 3 Avila Beach, CA 93424

SUBJECT: SUMMARY OF END-OF-CYCLE PERFORMANCE ASSESSMENT MEETING FOR THE DIABLO CANYON NUCLEAR POWER PLANT

Dear Mr. Rueger:

This refers to the public meeting conducted at the Pacific Gas & Electric Community Center, on June 14, 2001, between your staff and the NRC. The participants discussed the results of the NRC's end-of-cycle assessment of Diablo Canyon's performance for the period April 2, 2000, through March 31, 2001.

The NRC presented the overall assessment results that were based on inspection findings and performance indicators. The presentation also included a brief overview of the reactor oversight process. Following the end-of-cycle assessment meeting, the NRC answered questions from the public.

The attendance list, and the NRC prepared public meeting handouts are enclosed.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure 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 matter, we will be pleased to discuss them with you.

Sincerely,

Gregory A. Pick for

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

- Docket Nos: 50-275 50-323 License Nos: DPR-80 DPR-82
- Enclosures: Attendance List NRC End-of-Cycle Assessment Meeting with Pacific Gas and Electric Reactor Oversight Process Annual Assessment Meeting

cc w/enclosures: David H. Oatley, Vice President Diablo Canyon Operations and Plant Manager Diablo Canyon Nuclear Power Plant P.O. Box 56 Avila Beach, California 93424

Lawrence F. Womack, Vice President, Power Generation & Nuclear Services Diablo Canyon Power Plant P.O. Box 56 Avila Beach, CA 93424

Dr. Richard Ferguson Energy Chair Sierra Club California 1100 Ilth Street, Suite 311 Sacramento, California 95814

Nancy Culver San Luis Obispo Mothers for Peace P.O. Box 164 Pismo Beach, California 93448

Chairman San Luis Obispo County Board of Supervisors Room 370 County Government Center San Luis Obispo, California 93408

Truman Burns\Mr. Robert Kinosian California Public Utilities Commission 505 Van Ness, Rm. 4102 San Francisco, California 94102 Pacific Gas and Electric

Robert R. Wellington, Esq. Legal Counsel Diablo Canyon Independent Safety Committee 857 Cass Street, Suite D Monterey, California 93940

Ed Bailey, Radiation Program Director Radiologic Health Branch State Department of Health Services P.O. Box 942732 (MS 178) Sacramento, CA 94327-7320

Steve Hsu Radiologic Health Branch State Department of Health Services P.O. Box 942732 Sacramento, California 94327-7320

Christopher J. Warner, Esq. Pacific Gas and Electric Company P.O. Box 7442 San Francisco, California 94120

City Editor The Tribune 3825 South Higuera Street P.O. Box 112 San Luis Obispo, California 93406-0112

Robert A. Laurie, Commissioner California Energy Commission 1516 Ninth Street (MS 31) Sacramento, CA 95814

County Administrative Officer San Luis Obispo County Board of Supervisors Room 370 County Government Center San Luis Obispo, California 93408 Pacific Gas and Electric

Electronic distribution from ADAMS by RIV: Regional Administrator (EWM) DRP Director (KEB) DRS Director (ATH) Senior Resident Inspector (DLP) Branch Chief, DRP/E (WBJ) Senior Project Engineer, DRP/E (GAP) Section Chief, DRP/TSS (PHH) **RITS Coordinator (NBH)** B. Henderson, PAO (BWH) C. A. Hackney, RSLO (CAH) C. J. Gordon (CJG) DRS Branch Chiefs (GMG, JLS2, JLP) W. D. Travers, EDO (WDT) W. M. Dean, Chief, NRR/DIPM/IIPB (WMD) R. K. Frahm, PPR Program Manager, NRR/ILPB (RKF) B. A. Boger, Associate Dir. for Inspection and Programs (BAB2) B. W. Sheron, Associate Dir. for Project Licensing and Technical Analysis (BWS) M. A. Satorius, Chief, Regional Operations Staff, OEDO (MAS) S. Richards, NRR Project Director (SAR) S. Dembek, Chief, Section 2, NRR/DLPM (SXD) S. Bloom, NRR Project Manager (SDB1)

Hard Copy: Records Center, INPO

R:_DC\2001\DC6-14MS-DRP.wpd

RIV:PE:DRP/E	C:DRP/E				
GFLarkin;tbh	WBJones				
/RA/	GAPick for				
7/2/01	7/2/01				
OFFICIAL RECORD	COPY	T=T	elephone	E=E-mail	F=Fax

ENCLOSURE 1

Attendance List

<u>Licensee</u>

- D. Miklush, Director, Engineering Services
- J. Tompkins, Director, Nuclear Quality Analysis and Licensing
- R. Waltos, Director, Maintenance Services
- L. Wolmack, Vice President Power Generation

<u>NRC</u>

- K. Brockman, Director of the Division of Reactor Projects
- W. Jones, Chief, Reactor Projects Branch E
- D. Proulx, Senior Resident Inspector
- A. Garcia, Engineering Associate
- J. Moreno, Engineering Associate



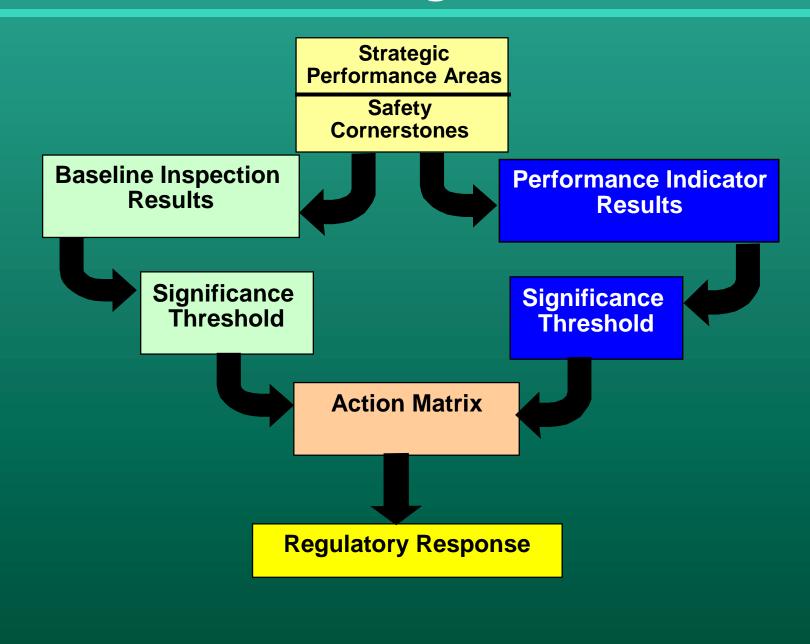
NRC End of Cycle Assessment Meeting with Pacific Gas and Electric

End of Cycle Assessment Diablo Canyon Nuclear Power Plant

Agenda

- P Introduction and opening comments Ken Brockman
- PIntroduction and opening comments Larry Womack
- POverview of reactor oversight process William Jones
- PPresentation of assessment David Proulx
- P Discussion of assessment NRC and Diablo Canyon staff
- PClosing remarks Larry Womack
- PClosing remarks Ken Brockman

Reactor Oversight Process



🖉 Reactor Oversight Pr	Reactor Oversight Process Home Page - Microsoft Internet Explorer	×
Eile Edit View F <u>a</u> v	Favorites Iools <u>H</u> elp	÷.
Back Forward	Stop Refresh Home Search Favorites History Mail Print Edit	
Address 😰 http://www.r	😂 http://www.nrc.gov/NRR/DVERSIGHT/index.html 🕞 🖉 Go 📙 Li	Links »
		1
Salarie Commission	Reactor Oversight Process Muclear Reactors NRC Home Fage NRC Site Contents Search	-
Plant Assessment Results	Lessons Learned Public Workshop	
<mark>NEW</mark> ROP Program Documents	March 26 - 28, 2001 in Gaithersburg, MD Agenda Summary Slides from Closing Session NEW Meeting Summary NEW	
NEW Initial Implementation Evaluation Panel	Federal Register Notice: Request for Public Comment on the First Year of Initial Implementation of the Reactor Oversight Process Role of the Reactor Oversight Process	
ROP "Plain Language" Description Meeting Notices & Summaries	The Nuclear Regulatory Commission's (NRC's) mission is to ensure adequate protection of the public health and safety and the environment, as it relates to the peaceful use of nuclear materials in the United States. The agency itself does not operate nuclear power plants. Rather, it regulates the operation of the nation's 103 nuclear power plants by establishing regulatory requirements for the design, construction and operation of such plants. The NRC issues licenses for the plants to operate, licenses the plant operators, and establishes plant specific technical specifications for plant operators to follow to ensure that the plants are operated safely within these requirements.	

NRC Reactor Oversight I	lant Assessment Results - Microsoft Internet Explorer
J Eile Edit View Favorites Lools	Hep
Back Forward Stop Ref	は、山山 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
📙 Address 😂 http://www.nrc.gov/NRR/OVERS	VERSIGHT/ASSESS/index.html
US NRC Reactor Oversight	ight Process Plant Assessment Results
PI Summary Inspection Findings Summary	ings Summary Action Matrix Summary Inspection Reports List Cornerstones &PI Home
Alphabetical listing of plants ABCDFGHIKLMNO	New This Quarter
P Q R S T V W Region 1 plants Region 2 plants Region 3 plants Region 4 plants	 New format of Action Matrix Summary Action Matrix Designation on plant performance summaries
	Individual Plant Performance Summaries - Performance
Alphabetical listing of plants:	Information is summarized for each plant and sorted by the seven cornerstones of estery. This information can be viewed by celecting the plant name from the left
	column (organized alphabetically as well as by the region where the plants are
AA Arkansas 1	located). For each plant, the current Action Matrix designation is displayed along with the nerformance indicators (DTc) and a summary of NDC inspection findings
Arkansas 2 A B	Links are also provided to NRC assessment letters, inspection plans, and inspection
Beaver Valley 1 Beaver Valley 2 Braidmood 1	reports.
Braidwood 2 Browns Farry 2	Comprehensive Performance Summary Matrices - The
	most recent quarterly performance indicator color designations for all plants are
Brunswick 2 Bvron 1	designations over the previous 4 quarters for all plants is summarized in an
Byron 2	Inspection Findings Summary matrix, Based on the latest applicable performance indicators and inspection findings, the current Action Matrix designation for each
Callaway Calvert Cliffs 1	plant is available in the Action Matrix Summary. The Action Matrix Summary provides
cliffs a 1 a 2	a matrix of the five columns with the plants listed within their applicable column. You can drill down into more detailed information from any of these three summaries.
Clinton Columbia Generating Station Comanche Peak 1 Comanche Peak 2 Cooper (Pilot Plant)	Background – Both PIs and inspection findings are evaluated and given a color designation based on their safety significance. Green inspection findings or PIs indicate a very low risk significance and therefore have little or no immed on safety.
Crystal River 3	White, yellow, or red inspection findings or PIs each, respectively, represent a greater degree of safety significance.

Diablo Canyon Unit 1 Operating Summary

- PAutomatic Shutdown Fire in the 12kV Switchgear Room
- PRefueling Outage, October November 2000 (40.4 days)
- PAutomatic Shutdown Testing Equipment Problems
- PTwo Curtailments for High Seas
- POtherwise, essentially full power operation

Diablo Canyon Unit 2 Operating Summary

P Manual Shutdown - Secondary Plant Repair
P Manual Shutdown - Main Generator
Hydrogen Leak Repair
P Two Curltailments for High Seas
P Otherwise, essentially full power operation

Diablo Canyon Mid-cycle Assessment

Completed November 2, 2000

PLicensee Response Column

- All inspection findings had very low safety significance (Green)
- No performance indicators required additional NRC oversight

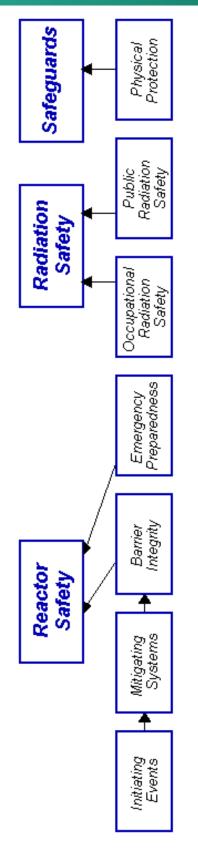
Diablo Canyon Overall Performance

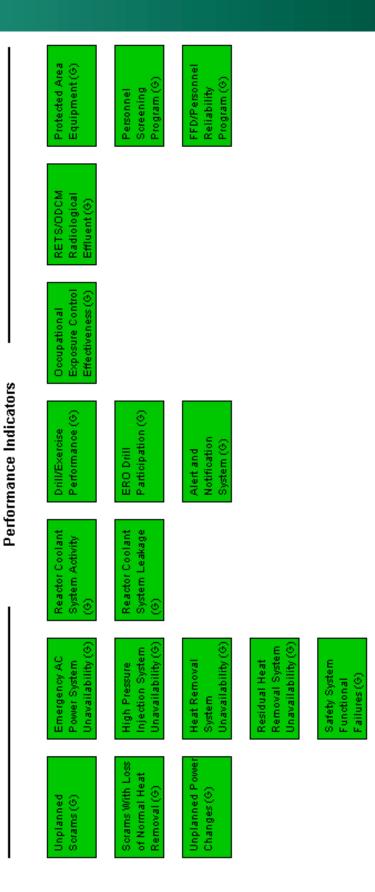
PEnd of Cycle Assessment
Preserved public health and safety
Met all cornerstone objectives

Diablo Canyon Performance for the Inspection Cycle

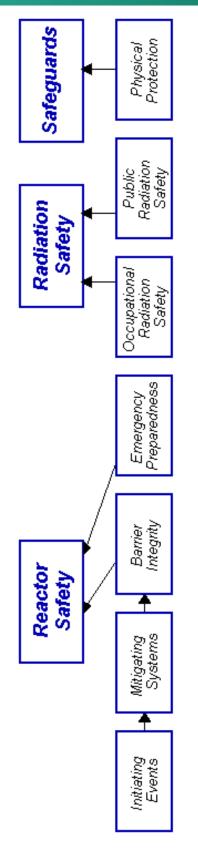
P Performance Indicators for the most recent quarter All in the licensee response band

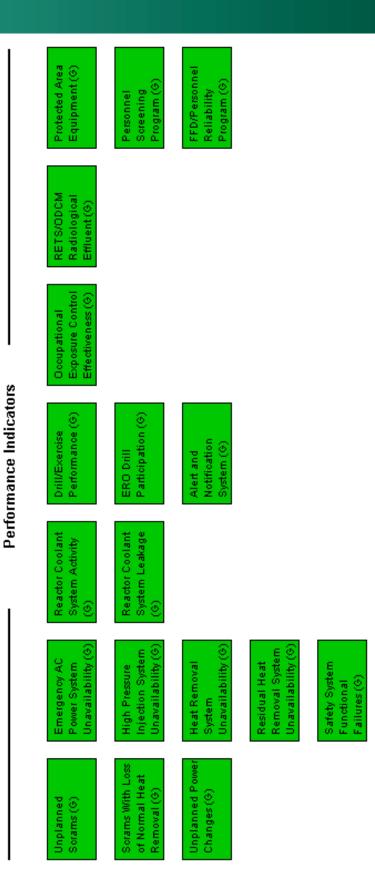


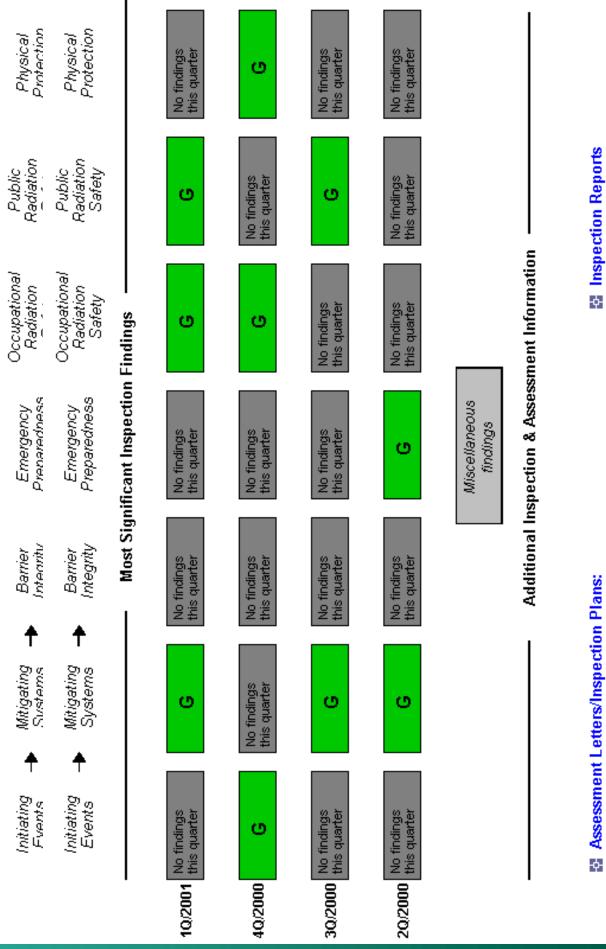




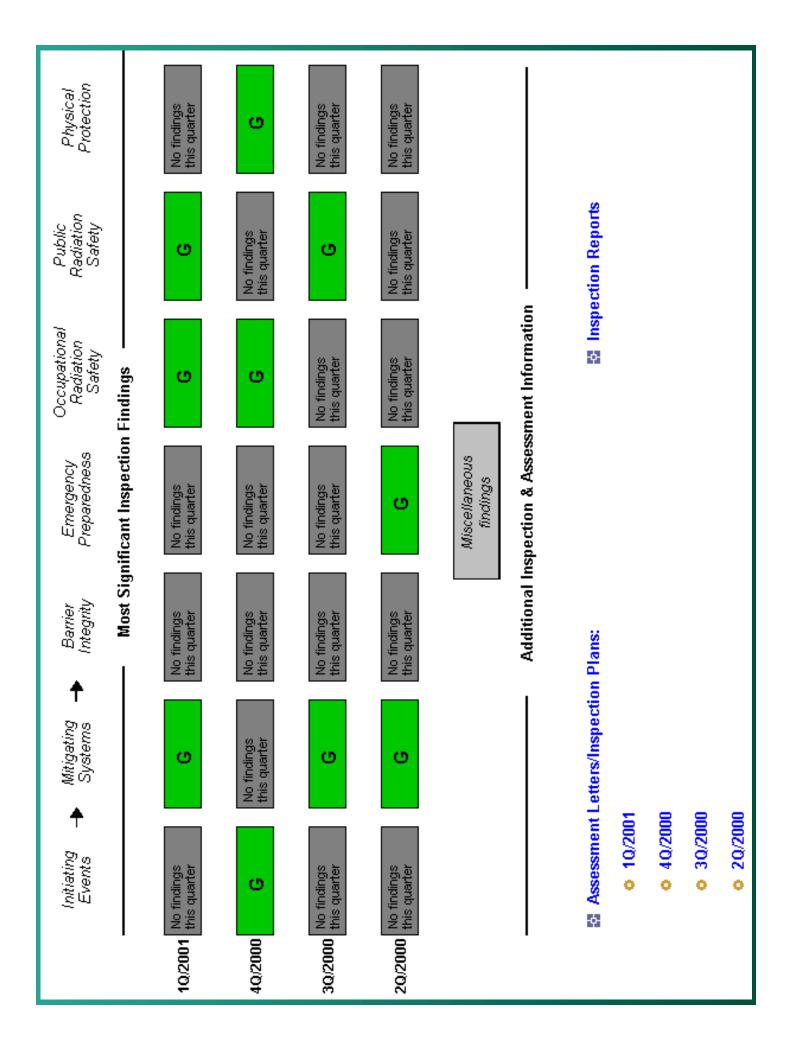








- Assessment Letters/Inspection Plans:
- 10/2001
- - 40/2000
- 30/2000



Supplemental Inspection

Unit 2 "White " PI for SCRAMS with Loss of Normal Heat Removal
Evaluated Three Separate Events
Effective Corrective Actions

Special Inspection

Unit 1 12 kV Bus Fire

Mitigation Equipment Properly Responded
Licensee Responded Effectively
NRC Monitored and Evaluated Risk

Diablo Canyon Performance for the Inspection Cycle (cont'd)

Licensee Response Column

P All inspection findings in Diablo Canyon corrective action system
Very low risk significance
P Baseline inspection planned for Diablo Canyon Units 1 and 2

Enhanced Monitoring During Bankruptcy

P Monthly Senior NRC Management Visits
P Biweeky Calls Between NRC and Licensee Senior Management
P Weekly NRC Management Calls with Resident Inspectors

Performance Indicator Summary

MS OA MS OS BI O3 MS O5 D1 I I G G I I G G G G G G G	BI EP EP OR OR 02 01 G	• Oinfoseek	Indicators Summa
MS MS BI	BI EP EP EP OR	Performance	
		PR 01PP 01PP 02PP 03GGGGGGGGGGGG	Indicators Summa
		PR 01PP 01PP 02PP 03GGGGGGGGGGGG	Indicators Summa
		01 01 02 03 G G G G G G G G	
		01 01 02 03 G G G G G G G G	
I I G G I I G G G G G G G G G G G G G G			
6 6 6 6 6 6 6 6		GGGG	
GGGG			
		GGGG	
G G G G	G G G G	GGGG	
т с с с	G G G G G	GGGG	
т с с с	66666	GGGG	
6666	66666	6666	
6666	66666	6666	
GGGG	66666	6666	
6666	G G G G G	G G G G	
6666			
	T G G T C C G G G G G G G G G G G G G G G G G G G G G G G G G G G G G G G G G	T G	

Inspection Finding Summary

罴	US NRC Rev	ised Reactor	Oversight P	Process - In	spection Fin	dings Summai	y - Netsca	pe			
Ei	le <u>E</u> dit <u>V</u> iew	v <u>G</u> o <u>C</u> ommu	unicator <u>H</u> elp								
F annua	<u> </u>	_ 🐳 _	3		, 🥭 j	My.		ू 🗳	<u>ò</u> ,		N
	Back	Forward	Reload	Home	Search	Netscape	Print	Security	Shop	Stop	
×.	🛛 😻 🕻 Book	imarks 🔬	Netsite:	http://www.	.nrc.gov/NR	R/OVERSIG	HT/ASSE	SS/pim_sum	imary.html	• (i) infoseek	ated
5											

Reactor Oversight Process

Inspection Findings Summary

Plants	Initiating Events	Mitigating Systems	Barrier Integrity	Emergency Preparedness	Occupational Radiation Safety	Public Radiation Safety	Physical Protection			
Davis-Besse	Green	Green	No Findings	No Findings	No Findings	No Findings	No Findings			
Diablo Canyon 1	Green	Green	No Findings	Green	Green	Green	Green			
Diablo Canyon 2	Green	Green	No Findings	Green	Green	Green	Green			
Dresden 2	Green	Green	Green	No Findings	Green	No Findings	Green			
Dresden 3	Green	Green	Green	No Findings	Green	No Findings	Green			
Duane Arnold	Green	Green	No Findings	No Findings	No Findings	No Findings	Green			
Farley 1	Green	Green	No Findings	Green	No Findings	No Findings	No Findings			
Farley 2	Green	Green	No Findings	No Findings	No Findings	No Findings	No Findings			
Fermi 2	No Findings	Green	No Findings	No Findings	No Findings	No Findings	No Findings			
Fitz Patrick	Green	Green	Green	Green	Green	No Findings	Green			
Fort Calhoun	Green	Green	No Findings	No Colors	Green	No Findings	No Findings			
<u>Ginna</u>	No Findings	Green	Green	No Colors	No Findings	Green	No Findings			
Grand Gulf 1	Green	Green	No Findings	No Findings	Green	No Findings	No Findings			
Harris 1	Green	White (1)	Green	No Findings	No Findings	No Findings	No Findings			
Hatch 1	Green	Green	Green	No Findings	No Findings	No Findings	Green			
Hatch 2	Green	Green	No Findings	No Findings	No Findings	No Findings	No Findings			
Hope Creek 1	No Findings	Green	Green	No Findings	Green	No Findings	No Findings			
Indian Point 2	Red (1)	Green	Green	White (3)	No Colors	No Findings	No Colors			
	Document: Don	e							4 0	🖾 🖋
🚮 Start 🔲 🔲 Corel Pres	entatio 🛛 🔀 C	orel WordPerfec	t 🐹 US NRC	Revised R Sa	ve As			⊠∢:⊘⊠∕@N ≋ ≥		3:32 PN

An Action Matrix is used to assess overall plant safety performance and specify thresholds for NRC Enforcement Actions

		Licensee Response Colum n	Regulatory Response Colum n	Degraded Cornerston Colum n	e Multiple/Repetitive Degraded Cornersto Colum n	U nacceptable ne Performance Colum n
R E S U L T S		All Assessment Inputs (Performance Indicators (PIs) 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 Minimal Reduction in Safety Margin	Repetitive Degraded Cornerstone, Multiple Degraded Cornerstones, Multiple Yellow Inputs, or 1 Red Input; Cornerstone Objectives Met with Longstanding Issues or Significant Reduction in Safety Margin	Overall Unacceptable Performance; Plants Not Permitted to Operate W ithin this Band, Unacceptable Margin to Safety
R E S	R eg ulato ry P e rform anc e M e e tin g	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
P O N S	Licensee Action	Licensee Corrective Action	Licensee root cause evaluation and corrective action with NRC Oversight	Licensee Self Assessment with NRC Oversight	Licensee Performance Improvement Plan with NRC Oversight	
E	NRC Inspection	R isk-Inform ed Baseline Inspection Program	Baseline and supplemental inspection procedure 95001	Baseline and supplem ental inspection procedure 95002	Baseline and supplemental inspection procedure 95003	
	Regulatory Actions	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
C O M U N	Assessment Letters	BC or DD review/sign assessment report (w/ inspection plan)	DD review/sign assessment report (w/ inspection plan)	R A review/sign assessment report (w/ inspection plan)	RA review/sign assessment report (w/ inspection plan) Commission Informed	
N I C A T I O	Annual Public Meeting	SRI or BC Meet with Licensee	BC or DD Meetwith Licensee	RA (or designee) Discuss Performance with Licensee	EDO (or Commission) Discuss Performance with Senior Licensee Management	Commission Meeting with Senior Licensee Management
Ν	INCREASING SAFET	Y SIGNIFICANCE>		<u> </u>	1	<u> </u>

Action Matrix Summary

<u>Licensee Response</u> <u>Column</u>	<u>Regulatory Response</u> <u>Column</u>	<u>Degraded Cornerstone</u> <u>Column</u>	<u>Multiple/Repetitive</u> <u>Degraded Cornerstone</u> <u>Column</u>	<u>Unacceptable</u> <u>Performance Column</u>
<u>Arkansas Nuclear 1</u>	Calvert Cliffs 1	Callaway	Indian Point 2	
<u>Arkansas Nuclear 2</u>	<u>Cooper</u>	Kewaunee		
Beaver Valley 1	<u>Fermi 2¹</u>	Millstone 2		
Beaver Valley 2	<u>FitzPatrick</u>			
Braidwood 1	<u>Harris 1²</u>			
Braidwood 2	<u>North Anna 2³</u>			
Browns Ferry 2	Oconee 1			
Browns Ferry 3	Point Beach 1			
Brunswick 1	<u>Prairie Island 1⁴</u>			
Brunswick 2	<u>Prairie Island 2⁵</u>			
Byron 1	<u>Quad Cities 1⁶</u>			
Byron 2	Quad Cities 27			
Calvert Cliffs 2	<u>Summer⁸</u>			
Catawba 1	<u>Susquehanna 1⁹</u>			
Catawba 2	<u>Susquehanna 2¹⁰</u>			
<u>Clinton</u>				
Columbia Generating				
Station				
Comanche Peak 1				

Major Baseline Inspections through May 31, 2002

P Permanent Plant Modifications
September 2001
P Response to Contigency Events (Security)
February 2002
P Problem Identification and Resolution
April 2002

Diablo Canyon Overall Performance

PEnd of Cycle Assessment
 Preserved public health and safety
 Met all cornerstone objectives



NRC Public Meeting

P Closing remarks
Larry Womack, Pacific Gas and Electric
P Closing remarks
Ken Brockman, NRC
P Adjourn

REACTOR OVERSIGHT PROCESS ANNUAL ASSESSMENT MEETING

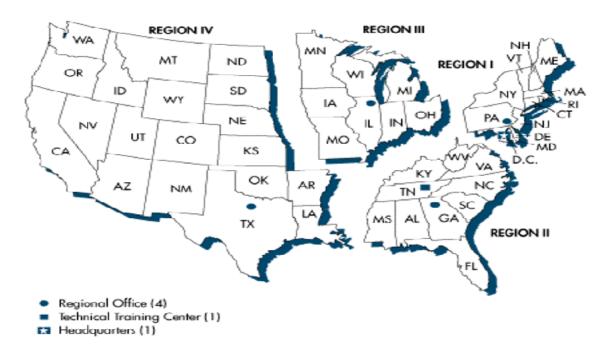


Nuclear Regulatory Commission Region IV

Overview

- Who we are
- Why we are here
- How we inspect and assess plant performance
- Plant performance results
- Questions and Answers

NRC REGIONAL OFFICES

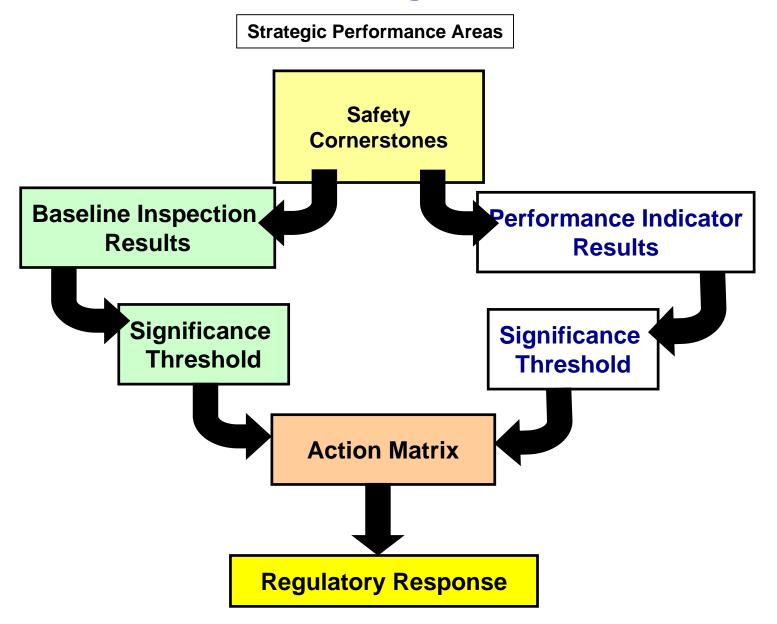


Note: Alaska and Hawaii are included in Region IV. Source: Nuclear Regulatory Commission

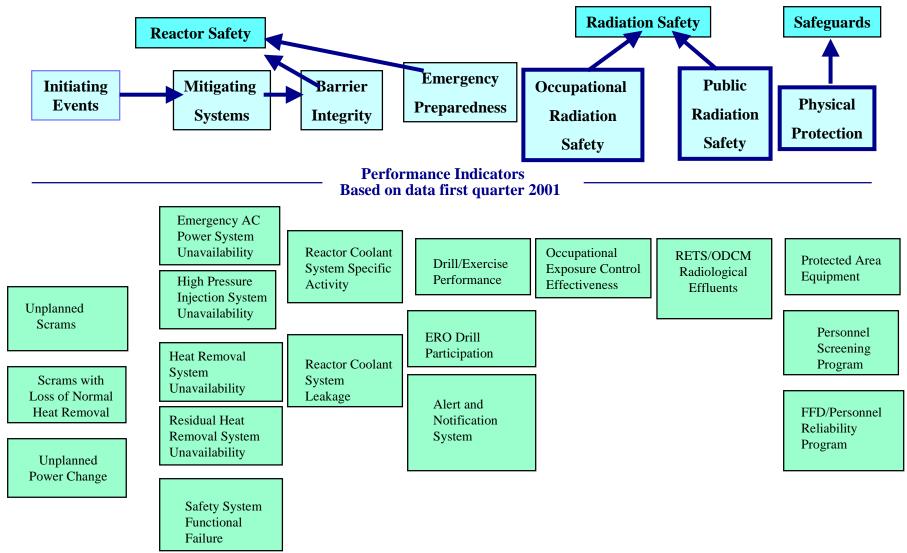
Our Oversight Activities

- Provide assurance plants are operating safely and in accord with the regulations
- Based upon a logical and sound framework
- Uses objective indicators of performance
- Uses inspections focused on key safety areas
- Assessment program triggers regulatory actions

Reactor Oversight Process

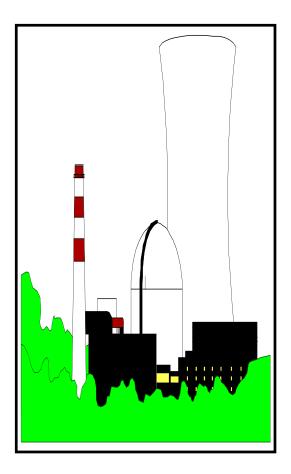


The three <u>Strategic Performance Areas</u> are subdivided into seven <u>Cornerstones</u> which are subdivided into 18 <u>Performance Indicators</u>



NRC Conducts Safety Inspections

NRC resident and regional inspectors utilize a <u>Baseline</u> <u>Inspection Program</u> to monitor plant safety performance in each of the Cornerstone of Safety



Key Aspects of Baseline Inspection Program

- Objective evidence of plant safety
- Conducted at all plants
- Emphases safety significant systems, components, activities, and events
- Monitors licensee effectiveness in finding and fixing safety issues
- Inspection reports describe significant findings and non-compliance
- Inspection reports are publicly accessible

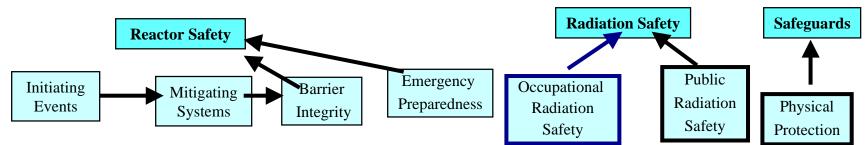
Examples of Baseline Inspections

- Plant safety tours
- Plant control room tours
- Maintenance and alignment of equipment
- Worker radiation protection
- Controls for radiation releases
- Plant security

Event Follow-up and Supplemental Inspection

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

The three <u>Strategic Performance Areas</u> are subdivided into seven <u>Cornerstones</u> which are subdivided into 39 <u>Inspection Procedures</u>



Inspection Procedures

Adverse Weather Evaluation of Changes Equipment Alignment Fire Protection Flood Protection Heat Sink Performance In-service Inspection Operator Requalificaiton Maintenance Rulse Implementation Maintenance Risk

Non-routine Plant Events

Operability Evaluation Operator Workarounds Permanent Plant Modifications Post Maintenance Testing Refueling & Outage Safety System Design **Surveillance Testing Temporary Modifications Reactor Safety-Emergency Preparedness Event Follow-up Performance Indicator** Verification **Problem Identification &** Resolution

Exercise Evaluation Alert and Notification System Emergency Response Organization Augment Emergency Action and Plans Emergency Preparedness

- Preparedness Drill Evaluation Occupational Radiation Safety Access Control
- Radiation Monitoring Instrumentation Public Radiation Safety Radiation Effluents Treatment Radiation Transportation Environmental Monitoring Security Access Authorization Security Search Security Response Security Plan Change

Key Aspects of Assessment Program

- Objective assessment of performance
- "Action Matrix" to determine agency response to performance:
 - Inspection level increases
 - Management involvement increases
 - Regulatory actions increase
- Plant specific assessment letters
- Information on NRC public web site

Colorization Scheme for Performance *Indicators* and *Inspection Findings*

PERFORMANCE INDICATORS

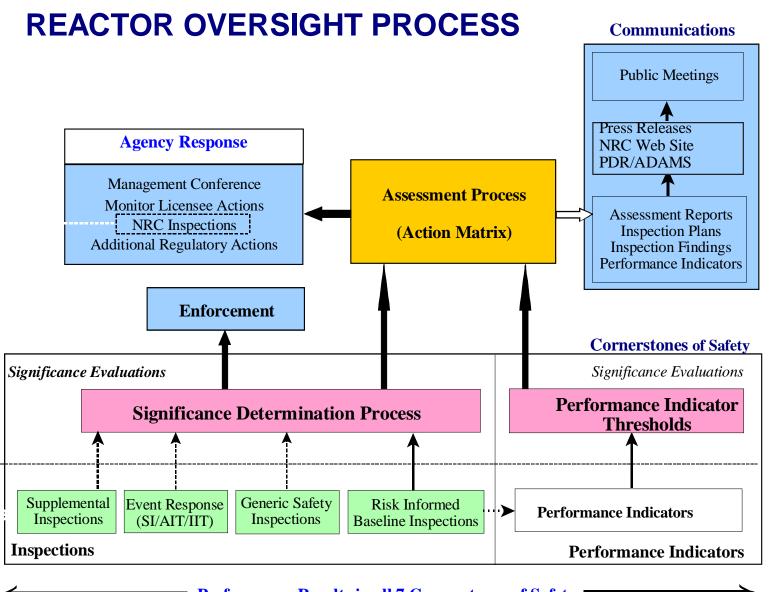
- Green: Performance requiring no NRC oversight beyond Baseline Inspection
- White: Performance may result in increased NRC oversight
- Yellow: Performance that minimally reduces safety margin and requires more NRC oversight
- Red: Performance that represents significant reduction in safety, requires more NRC oversight, but provides adequate protection to public health and safety

INSPECTION FINDINGS

Green:	Very low safety issue
White:	Low to moderate safety issue
Yellow:	Substantial safety issue
Red:	High safety issue

PROTECTION PHYSICAL ----- PROBLEM ----**IDENTIFICATION AND** SAFEGUARDS RESOLUTION OCCUPATIONAL **PUBLIC HEALTH AND SAFETY AS A RESULT OF CIVILIAN** PUBLIC **NUCLEAR REACTOR** ----- SAFETY CONSCIOUS WORK -----**OPERATION** RADIATION SAFETY **PREPAREDNESS** EMERGENCY ENVIRONMENT **BARRIER** INTEGRITY REACTOR SAFETY MITIGATION SYSTEMS Overall Safety Mission NRC's PERFORMANCE HUMAN INITIATING EVENTS Performance Strategic Areas Cornerstones

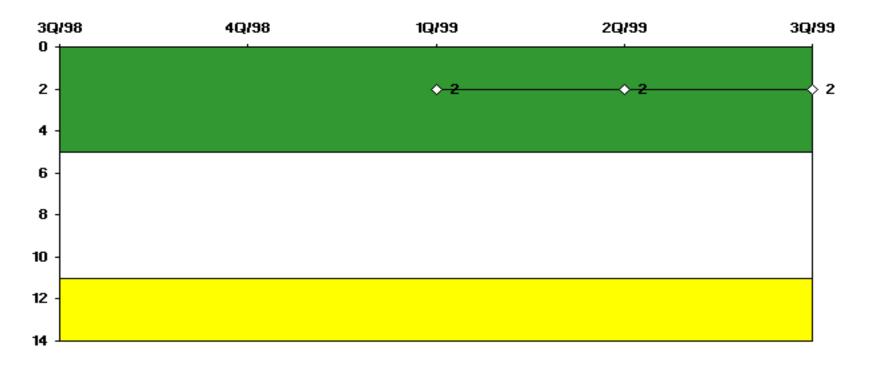
REGULATORY FRAMEWORK



Performance Results in all 7 Cornerstones of Safety

A <u>Performance Indicator</u> uses objective data to monitor performance in each <u>Cornerstone area</u>

Occupational Exposure Control Effectiveness



An <u>Action Matrix</u> is used to assess overall plant safety performance and specify thresholds for NRC <u>Enforcement Actions</u>

		e Multiple/Repetitive Degraded Cornersto Colum n	U nacceptable ne Performance Column			
R E S U L T S		All Assessment Inputs (Performance Indicators (PIs) 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 Minimal Reduction in Safety Margin	Repetitive Degraded Cornerstone, Multiple Degraded Cornerstones, Multiple Yellow Inputs, or 1 Red Input; Cornerstone Objectives Met with Longstanding Issues or Significant Reduction in Safety Margin	O verall Unacceptable Performance; Plants Not Permitted to Operate W ithin this Band, Unacceptable Margin to Safety
R E S	R eg u lato ry P e rform ance M e e tin g	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
P O N S	Licensee Action	Licensee Corrective Action	Licensee root cause evaluation and corrective action with NRC Oversight	Licensee Self Assessment with NRC Oversight	Licensee Performance Improvement Plan with NRC Oversight	
E	NRC Inspection	Risk-Informed Baseline Inspection Program	Baseline and supplemental inspection procedure 95001	Baseline and supplem ental inspection procedure 95002	Baseline and supplemental inspection procedure 95003	
	Regulatory Actions	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
C O M U V	Assessment Letters	BC or DD review/sign assessment report (w/ inspection plan)	DD review/sign assessment report (w/ inspection plan)	R A review/sign assessment report (w/ inspection plan)	R A review/sign assessment report (w/ inspection plan) Commission Informed	
I C A T I O	Annual Public Meeting	SRI or BC Meet with Licensee	BC or DD Meet with Licensee	RA (or designee) Discuss Performance with Licensee	EDO (or Commission) Discuss Performance with Senior Licensee Management	Commission Meeting with Senior Licensee Management
Ν	INCREASING SAFET	Y SIGNIFICANCE>	l	1	1	I