



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

August 27, 2003

Harold B. Ray, Executive Vice President
San Onofre, Units 2 and 3
Southern California Edison Co.
P.O. Box 128, Mail Stop D-3-F
San Clemente, California 92674-0128

**SUBJECT: MIDCYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - SAN ONOFRE
NUCLEAR GENERATING STATION, UNITS 2 AND 3**

Dear Mr. Ray:

On August 6, 2003, the NRC staff completed its midcycle plant performance assessment of the San Onofre Nuclear Generating Station, Units 2 and 3. The midcycle review for San Onofre Nuclear Generating Station, Units 2 and 3 involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the first half of the current assessment cycle, January 1 through June 30, 2003. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections that may conflict with your plant activities.

Plant performance for the most recent quarter was within the Licensee Response Column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green).

During the first quarter of the assessment cycle, plant performance for Unit 2 entered the Regulatory Response Column of the NRC's Action Matrix as a result of a White performance indicator for Unplanned Scrams per 7000 Critical Hours. This performance indicator returned to Green in the second quarter of 2003.

We plan to conduct a supplemental inspection to review the actions taken in response to this White performance indicator. The purpose of this supplemental inspection will be to provide assurance that the root and contributing causes for the White performance indicator are understood, to provide assurance that the extent of condition and extent of cause are identified, and to provide assurance that the corrective actions are sufficient to address the root and contributing causes and prevent their recurrence.

The enclosed inspection plan details the inspections scheduled through September 30, 2004. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival.

onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last 6 months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting.

In accordance with 10 CFR 2.790 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 <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact Kriss Kennedy at 817-860-8144 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Arthur T. Howell III, Director
Division of Reactor Projects

Dockets: 50-361
50-362
Licenses: NPF-10
NPF-15

Enclosure:
San Onofre Nuclear Generating Station
Inspection /Activity Plan

cc:
Chairman, Board of Supervisors
County of San Diego
1600 Pacific Highway, Room 335
San Diego, California 92101

Gary L. Nolff
Power Projects/Contracts Manager
Riverside Public Utilities
2911 Adams Street
Riverside, California 92504

Eileen M. Teichert, Esq.
Supervising Deputy City Attorney
City of Riverside
3900 Main Street
Riverside, California 92522

Joseph J. Wambold, Vice President
Southern California Edison Company
San Onofre Nuclear Generating Station
P.O. Box 128
San Clemente, California 92674-0128

David Spath, Chief
Division of Drinking Water and
Environmental Management
California Department of Health Services
P.O. Box 942732
Sacramento, California 94234-7320

Michael R. Olson
San Onofre Liaison
San Diego Gas & Electric Company
P.O. Box 1831
San Diego, California 92112-4150

Ed Bailey, Radiation Control Program Director
Radiologic Health Branch
California Department of Health Services
P.O. Box 942732 (MS 178)
Sacramento, California 94234-7320

Mayor
City of San Clemente
100 Avenida Presidio
San Clemente, California 92672

James D. Boyd, Commissioner
California Energy Commission
1516 Ninth Street (MS 34)
Sacramento, California 95814

Douglas K. Porter, Esq.
Southern California Edison Company
2244 Walnut Grove Avenue
Rosemead, California 91770

Dwight E. Nunn, Vice President
Southern California Edison Company
San Onofre Nuclear Generating Station
P.O. Box 128
San Clemente, California 92674-0128

Dr. Raymond Waldo
Southern California Edison Company
San Onofre Nuclear Generating Station
P. O. Box 128
San Clemente, California 92674-0128

A. Edward Scherer
Southern California Edison
San Onofre Nuclear Generating Station
P.O. Box 128
San Clemente, California 92674-0128

Walt Ekard
Chief Administrative Officer
San Diego County
1600 Pacific Coast Highway
San Diego, California 92101

The Honorable John Gelff, Mayor
City of San Juan Capistrano
32400 Paseo Adelanto
San Juan Capistrano, California 92675

George Scarbrough, City Manager
City of San Juan Capistrano
32400 Paseo Adelanto
San Juan Capistrano, California 92675

The Honorable Stephanie M. Dorey
Mayor, City of San Clemente
100 Avenida Presidio
San Clemente, California 92672

William O. Talley, Interim City Manager
City of San Clemente
100 Avenida Presidio
San Clemente, California 92672

The Honorable Bill Ossenmacher, Mayor
City of Dana Point
33282 Golden Lantern
Dana Point, California 92629

Doug Chotkevys, City Manager
City of Dana Point
33282 Golden Lantern
Dana Point, California 92629

Jeff Griffin, Regional Director
Federal Emergency Management Agency, Region IX
1111 Broadway, Suite 1200
Oakland, California 94607-4052

Stephen A. Woods, Senior Health Physicist
Department of Health Services
Division of Drinking Water & Environmental Mgt.
Nuclear Emergency Response Program
P.O. Box 942732, MS 396
Sacramento, California 94234-7320

Benjamin Tong, Manager
Radiological Preparedness Unit
Governor's Office of Emergency Services
P.O. Box 419047
Rancho Cordova, California 95741-9047

San Onofre 2
Inspection / Activity Plan
08/01/2003 - 09/30/2004

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	PSB-EP1 - EP EXERCISE BASELINE INSPECTION		3			
2	IP 7111401	Exercise Evaluation		10/20/2003	10/24/2003	Baseline Inspections
2	IP 7111404	Emergency Action Level and Emergency Plan Changes		10/20/2003	10/24/2003	Baseline Inspections
2	IP 71151	Performance Indicator Verification		10/20/2003	10/24/2003	Baseline Inspections
	OB-RQ - REQUALIFICATION INSPECTION		2			
2	IP 7111111B	Licensed Operator Requalification		10/27/2003	10/31/2003	Baseline Inspections
	PSBS1-GP - SECURITY BASELINE INSPECTION		1			
2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizat		11/17/2003	11/21/2003	Baseline Inspections
2	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Str		11/17/2003	11/21/2003	Baseline Inspections
2	IP 71151	Performance Indicator Verification		11/17/2003	11/21/2003	Baseline Inspections
	OB-IN - INITIAL EXAMINATION		4			
2	X02242	SONGS UNIT 2 - INITIAL EXAM (12/03)		11/17/2003	11/21/2003	Not Applicable
2	X02242	SONGS UNIT 2 - INITIAL EXAM (12/03)		12/15/2003	12/19/2003	Not Applicable
	ALARA3 - ALARA PLANNING AND CONTROLS		1			
2	IP 7112102	ALARA Planning and Controls		12/01/2003	12/05/2003	Baseline Inspections
	EMB - MAINTENANCE RULE		1			
2	IP 7111112B	Maintenance Effectiveness		01/26/2004	01/30/2004	Baseline Inspections
	RP TEAM - RP SAFETY TEAM		4			
2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		01/26/2004	01/30/2004	Baseline Inspections
2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		01/26/2004	01/30/2004	Baseline Inspections
2	IP 7112202	Radioactive Material Processing and Transportation		01/26/2004	01/30/2004	Baseline Inspections
2	IP 7112203	Radiological Environmental Monitoring Program		01/26/2004	01/30/2004	Baseline Inspections
	TI-150 - RPV AND VESSEL HEAD PENET. NOZZLES		1			
2	IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Bulletin 2002-0		02/23/2004	03/23/2004	Safety Issues
	ACCESSPI - ACRSA/PIV		1			
2	IP 7112101	Access Control to Radiologically Significant Areas		03/08/2004	03/12/2004	Baseline Inspections
	2004031 - TRIENNIAL FIRE PROTECTION INSPECTION		3			
2	IP 7111105T	Fire Protection		08/02/2004	08/06/2004	Baseline Inspections
2	IP 7111105T	Fire Protection		08/16/2004	08/20/2004	Baseline Inspections
	PSB-EP1 - EP PROGRAM INSPECTION		1			
2	IP 7111402	Alert and Notification System Testing		07/26/2004	07/30/2004	Baseline Inspections
2	IP 7111403	Emergency Response Organization Augmentation Testing		07/26/2004	07/30/2004	Baseline Inspections
2	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/26/2004	07/30/2004	Baseline Inspections
2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		07/26/2004	07/30/2004	Baseline Inspections

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.

San Onofre 2
Inspection / Activity Plan
08/01/2003 - 09/30/2004

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start End		Inspection Type
	PSB-EP1 - EP PROGRAM INSPECTION		1			
2	IP 71151	Performance Indicator Verification		07/26/2004	07/30/2004	Baseline Inspections
	ALARA1 - ALARA PLANNING AND CONTROLS		1			
2	IP 7112102	ALARA Planning and Controls		08/02/2004	08/06/2004	Baseline Inspections
	2004036 - SAFETY SYS. DESIGN AND PERF. CAPABILITY		5			
2	IP 7111121	Safety System Design and Performance Capability		08/30/2004	09/03/2004	Baseline Inspections
2	IP 7111121	Safety System Design and Performance Capability		09/13/2004	09/17/2004	Baseline Inspections
	2004037 - EVAL OF CHANGES, TESTS, AND EXPERIMENTS		1			
2	IP 7111102	Evaluation of Changes, Tests, or Experiments		09/13/2004	09/17/2004	Baseline Inspections
	PIR - BIENNIAL PIR		4			
2	IP 71152B	Identification and Resolution of Problems		09/27/2004	10/08/2004	Baseline Inspections

San Onofre 3
Inspection / Activity Plan
08/01/2003 - 09/30/2004

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	PSB-EP1 - EP EXERCISE BASELINE INSPECTION		3			
3	IP 7111401	Exercise Evaluation		10/20/2003	10/24/2003	Baseline Inspections
3	IP 7111404	Emergency Action Level and Emergency Plan Changes		10/20/2003	10/24/2003	Baseline Inspections
3	IP 71151	Performance Indicator Verification		10/20/2003	10/24/2003	Baseline Inspections
	OB-RQ - REQUALIFICATION INSPECTION		2			
3	IP 7111111B	Licensed Operator Requalification		10/27/2003	10/31/2003	Baseline Inspections
	PSBS1-GP - SECURITY BASELINE INSPECTION		1			
3	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizat		11/17/2003	11/21/2003	Baseline Inspections
3	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Str		11/17/2003	11/21/2003	Baseline Inspections
3	IP 71151	Performance Indicator Verification		11/17/2003	11/21/2003	Baseline Inspections
	OB-IN - INITIAL EXAMINATION		4			
3	X02243	SONGS UNIT 3 - INITIAL EXAM (12/03)		11/17/2003	11/21/2003	Not Applicable
3	X02243	SONGS UNIT 3 - INITIAL EXAM (12/03)		12/15/2003	12/19/2003	Not Applicable
	ALARA3 - ALARA PLANNING AND CONTROLS		1			
3	IP 7112102	ALARA Planning and Controls		12/01/2003	12/05/2003	Baseline Inspections
	EMB - MAINTENANCE RULE		1			
3	IP 7111112B	Maintenance Effectiveness		01/26/2004	01/30/2004	Baseline Inspections
	RP TEAM - RP SAFETY TEAM		4			
3	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		01/26/2004	01/30/2004	Baseline Inspections
3	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		01/26/2004	01/30/2004	Baseline Inspections
3	IP 7112202	Radioactive Material Processing and Transportation		01/26/2004	01/30/2004	Baseline Inspections
3	IP 7112203	Radiological Environmental Monitoring Program		01/26/2004	01/30/2004	Baseline Inspections
	ACCESSPI - ACRSA/PIV		1			
3	IP 7112101	Access Control to Radiologically Significant Areas		03/08/2004	03/12/2004	Baseline Inspections
	2004031 - TRIENNIAL FIRE PROTECTION INSPECTION		3			
3	IP 7111105T	Fire Protection		08/02/2004	08/06/2004	Baseline Inspections
3	IP 7111105T	Fire Protection		08/16/2004	08/20/2004	Baseline Inspections
	PSB-EP1 - EP PROGRAM INSPECTION		1			
3	IP 7111402	Alert and Notification System Testing		07/26/2004	07/30/2004	Baseline Inspections
3	IP 7111403	Emergency Response Organization Augmentation Testing		07/26/2004	07/30/2004	Baseline Inspections
3	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/26/2004	07/30/2004	Baseline Inspections
3	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		07/26/2004	07/30/2004	Baseline Inspections
3	IP 71151	Performance Indicator Verification		07/26/2004	07/30/2004	Baseline Inspections

San Onofre 3
Inspection / Activity Plan
08/01/2003 - 09/30/2004

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start End		Inspection Type
	ALARA1	- ALARA PLANNING AND CONTROLS	1			
3	IP 7112102	ALARA Planning and Controls		08/02/2004	08/06/2004	Baseline Inspections
	2004036	- SAFETY SYS. DESIGN AND PERF. CAPABILITY	5			
3	IP 7111121	Safety System Design and Performance Capability		08/30/2004	09/03/2004	Baseline Inspections
3	IP 7111121	Safety System Design and Performance Capability		09/13/2004	09/17/2004	Baseline Inspections
	2004037	- EVAL OF CHANGES, TESTS, AND EXPERIMENTS	1			
3	IP 7111102	Evaluation of Changes, Tests, or Experiments		09/13/2004	09/17/2004	Baseline Inspections
	PIR	- BIENNIAL PIR	4			
3	IP 71152B	Identification and Resolution of Problems		09/27/2004	10/08/2004	Baseline Inspections