



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

March 4, 2002

Harold B. Ray, Executive Vice President  
Southern California Edison Co.  
San Onofre Nuclear Generating Station  
P.O. Box 128  
San Clemente, California 92674-0128

**SUBJECT: ANNUAL ASSESSMENT - SAN ONOFRE NUCLEAR GENERATING  
STATION (REPORT 50-361, 362/02-01)**

Dear Mr. Ray:

On February 12, 2002, the NRC staff completed its end-of-cycle plant performance assessment of San Onofre Nuclear Generating Station. The end-of-cycle review for San Onofre Nuclear Generating Station involved the participation of all technical divisions in evaluating performance indicators for the most recent quarter and inspection results for the period from April 1 through December 31, 2001. 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. This will provide you an opportunity to prepare for these inspections and to inform us of any planned inspections which may conflict with your plant activities.

As discussed in our previous annual assessment letter, dated May 29, 2001, this inspection and assessment cycle consisted of three quarters (i.e., the second, third, and fourth quarters of Calendar Year 2001) instead of the usual four quarters. This change was implemented in order to align the inspection and assessment cycle with the calendar year beginning on January 1, 2002.

Overall, San Onofre Nuclear Generating Station operated in a manner that preserved public health and safety, and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as the first two quarters of the assessment cycle, was within the Licensee Response Column of the NRC's Action Matrix. This is based on all inspection findings being classified as having very low safety significance (Green) and all performance indicators indicating performance at a level requiring no additional NRC oversight (Green). We plan to conduct baseline inspections at your facility through December 28, 2002. In addition, we plan to conduct Temporary Instruction 2515/145, "Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles (NRC Bulletin 2001-01)."

Immediately following the terrorist attacks on the World Trade Center and the Pentagon, the NRC issued safeguards advisories recommending that nuclear power plant licensees go to the highest level of security, and all promptly did so. With continued uncertainty about the possibility of additional terrorist activities, the Nation's nuclear power plants, including San Onofre Nuclear Generating Station, remain at a high level of security. On February 25, 2002,

the NRC issued an Order to all nuclear power plant licensees, requiring them to take certain additional interim compensatory measures to address the generalized high-level threat environment. These additional compensatory requirements will provide the NRC with reasonable assurance that public health and safety and the common defense and security continue to be adequately protected in the current generalized high-level threat environment. These requirements will remain in effect pending notification from the Commission that a significant change in the threat environment occurs or until the Commission determines that other changes are needed following a more comprehensive re-evaluation of current safeguards and security programs. To date we have monitored Southern California Edison Co.'s actions in response to the terrorist attacks through a series of audits. With the issuance of the Order, we will evaluate Southern California Edison Co.'s compliance with these interim requirements.

The enclosed inspection plan details the inspections scheduled through March 31, 2003. 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 last 6 months of the inspection plan are tentative and may be revised at the Midcycle 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 this inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 817-860-8144 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

Kriss M. Kennedy, Chief  
Project Branch C  
Division of Reactor Projects

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

Enclosure:  
San Onofre Nuclear Generating  
Station Inspection/Activity Plan

Southern California Edison Co.

-3-

cc w/enclosure:

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

R. W. Krieger, 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  
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  
State Department of Health Services  
P.O. Box 942732 (MS 178)  
Sacramento, California 94234-7320

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

Southern California Edison Co.

-4-

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

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

Douglas K. Porter  
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

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

Diane Bathgate, Mayor  
City of San Juan Capistrano  
32400 Paseo Adelanto  
San Juan Capistrano, California 92672

George Scarbrough, City Manager  
City of San Juan Capistrano  
32400 Paseo Adelanto  
San Juan Capistrano, California 92672

Mike Parness, City Manager  
City of San Clemente  
100 Avenida Presidio  
San Clemente, California 92672

Joe Synder, Mayor  
City of Dana Point  
33282 Golden Lantern  
Dana Point, California 92629

Southern California Edison Co.

-5-

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

Karen Armes, Acting Regional Director  
Federal Emergency Management Agency  
Building 105  
Presidio of San Francisco  
San Francisco, California 94129

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

Electronic distribution by RIV:

Regional Administrator **(EWM)**

DRP Director **(KEB)**

DRS Director **(ATH)**

Senior Resident Inspector **(CCO1)**

Branch Chief, DRP/C **(KMK)**

Senior Project Engineer, DRP/C **(vacant)**

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)**

S. Dembek, Chief, Section 2, NRR/DLPM **(SXD)**

L. Raghavan, NRR Project Manager **(LXR1)**

**RidsNrrDipmlipb**

Hard Copy:

Records Center, INPO

S:\DRP\DRPDIR\EOC 2002\Assessment Letters\SO.wpd

RIV:C:DRP/C	D:DRS	D:DRP	<b>For signature</b>	
KMKennedy;df	ATHowell	KEBrockman	KMKennedy	
<b>/RA/</b>	<b>/RA/</b>	<b>/RA/</b>	<b>/RA/</b>	
<b>For review</b>	2/27/02	3/4/02	3/4/02	

OFFICIAL RECORD COPY

T=Telephone

E=E-mail

F=Fax

**San Onofre 2**  
**Inspection / Activity Plan**  
**03/01/2002 - 03/30/2003**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>PSB-EP1</b>	<b>- EP PROGRAM BASELINE INSPECTION</b>	<b>1</b>			
2	IP 7111402	Alert and Notification System Testing		04/08/2002	04/12/2002	Baseline Inspections
2	IP 7111403	Emergency Response Organization Augmentation Testing		04/08/2002	04/12/2002	Baseline Inspections
2	IP 7111404	Emergency Action Level and Emergency Plan Changes		04/08/2002	04/12/2002	Baseline Inspections
2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		04/08/2002	04/12/2002	Baseline Inspections
2	IP 711151	Performance Indicator Verification		04/08/2002	04/12/2002	Baseline Inspections
	<b>RPC-TI</b>	<b>- TI 2515/145, VHP INSPECTIONS, UNIT 2</b>	<b>1</b>			
2	IP 2515/145	Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles (NRC Bulletin :		05/20/2002	06/30/2002	Safety Issues
	<b>EMB</b>	<b>- ISI &amp; ISI/SG - UNIT 2</b>	<b>1</b>			
2	IP 7111108	Inservice Inspection Activities		06/17/2002	06/28/2002	Baseline Inspections
	<b>RP-3</b>	<b>- ALARA</b>	<b>1</b>			
2	IP 7112102	ALARA Planning and Controls		07/08/2002	07/08/2002	Baseline Inspections
	<b>EMB</b>	<b>- BIENNIAL MODS</b>	<b>2</b>			
2	IP 7111117B	Permanent Plant Modifications		08/26/2002	08/30/2002	Baseline Inspections
	<b>EMB</b>	<b>- SSD&amp;PCI</b>	<b>8</b>			
2	IP 7111121	Safety System Design and Performance Capability		10/28/2002	11/01/2002	Baseline Inspections
2	IP 7111121	Safety System Design and Performance Capability		11/18/2002	11/22/2002	Baseline Inspections
	<b>PSB-EP1</b>	<b>- EP EXERCISE BASELINE INSPECTION</b>	<b>3</b>			
2	IP 7111401	Exercise Evaluation		11/04/2002	11/08/2002	Baseline Inspections
	<b>RP-1</b>	<b>- ACRSA AND PIV</b>	<b>1</b>			
2	IP 7112101	Access Control to Radiologically Significant Areas		11/18/2002	11/22/2002	Baseline Inspections
2	IP 711151	Performance Indicator Verification		11/18/2002	11/22/2002	Baseline Inspections
	<b>OB-PIR</b>	<b>- PIR INSPECTION</b>	<b>3</b>			
2	IP 71152B	Identification and Resolution of Problems		12/02/2002	12/13/2002	Baseline Inspections
	<b>EMB</b>	<b>- HEAT SINKS</b>	<b>1</b>			
2	IP 7111107B	Heat Sink Performance		01/13/2003	01/17/2003	Baseline Inspections
	<b>EMB</b>	<b>- ISI - UNIT 2</b>	<b>1</b>			
2	IP 7111108	Inservice Inspection Activities		01/13/2003	01/17/2003	Baseline Inspections
	<b>RP-1</b>	<b>- ACRSA</b>	<b>1</b>			
2	IP 7112101	Access Control to Radiologically Significant Areas		02/03/2003	02/07/2003	Baseline Inspections
2	IP 711151	Performance Indicator Verification		02/03/2003	02/07/2003	Baseline Inspections
	<b>EMB</b>	<b>- ISI/SG - UNIT 2</b>	<b>1</b>			
2	IP 7111108	Inservice Inspection Activities		03/10/2003	03/14/2003	Baseline Inspections
	<b>PSB-S1</b>	<b>- ACCESS AUTH/CONTROL, SEC PLANS, PIV</b>	<b>1</b>			
2	IP 7113001	Access Authorization Program (Behavior Observation Only)		03/24/2003	03/28/2003	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**  
**03/01/2002 - 03/30/2003**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>PSB-S1</b>	<b>- ACCESS AUTH/CONTROL, SEC PLANS, PIV</b>	<b>1</b>			
2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizator		03/24/2003	03/28/2003	Baseline Inspections
2	IP 7113004	Security Plan Changes		03/24/2003	03/28/2003	Baseline Inspections
2	IP 71151	Performance Indicator Verification		03/24/2003	03/28/2003	Baseline Inspections

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



**San Onofre 3**  
**Inspection / Activity Plan**  
**03/01/2002 - 03/30/2003**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
<b>PSB-EP1 - EP PROGRAM BASELINE INSPECTION</b>			<b>1</b>			
3	IP 7111402	Alert and Notification System Testing		04/08/2002	04/12/2002	Baseline Inspections
3	IP 7111403	Emergency Response Organization Augmentation Testing		04/08/2002	04/12/2002	Baseline Inspections
3	IP 7111404	Emergency Action Level and Emergency Plan Changes		04/08/2002	04/12/2002	Baseline Inspections
3	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		04/08/2002	04/12/2002	Baseline Inspections
3	IP 711151	Performance Indicator Verification		04/08/2002	04/12/2002	Baseline Inspections
<b>RP-3 - ALARA</b>			<b>1</b>			
3	IP 7112102	ALARA Planning and Controls		07/08/2002	07/08/2002	Baseline Inspections
<b>EMB - BIENNIAL MODS</b>			<b>2</b>			
3	IP 7111117B	Permanent Plant Modifications		08/26/2002	08/30/2002	Baseline Inspections
<b>EMB - SSD&amp;PCI</b>			<b>8</b>			
3	IP 7111121	Safety System Design and Performance Capability		10/28/2002	11/01/2002	Baseline Inspections
3	IP 7111121	Safety System Design and Performance Capability		11/18/2002	11/22/2002	Baseline Inspections
<b>PSB-EP1 - EP EXERCISE BASELINE INSPECTION</b>			<b>3</b>			
3	IP 7111401	Exercise Evaluation		11/04/2002	11/08/2002	Baseline Inspections
<b>RP-1 - ACRSA AND PIV</b>			<b>1</b>			
3	IP 7112101	Access Control to Radiologically Significant Areas		11/18/2002	11/22/2002	Baseline Inspections
3	IP 711151	Performance Indicator Verification		11/18/2002	11/22/2002	Baseline Inspections
<b>OB-PIR - PIR INSPECTION</b>			<b>3</b>			
3	IP 711152B	Identification and Resolution of Problems		12/02/2002	12/13/2002	Baseline Inspections
<b>RPC-TI - TI 2515/145, VHP INSPECTIONS, UNIT 3</b>			<b>1</b>			
3	IP 2515/145	Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles (NRC Bulletin :		01/04/2003	03/15/2003	Safety Issues
<b>EMB - HEAT SINKS</b>			<b>1</b>			
3	IP 7111107B	Heat Sink Performance		01/13/2003	01/17/2003	Baseline Inspections
<b>RP-1 - ACRSA</b>			<b>1</b>			
3	IP 7112101	Access Control to Radiologically Significant Areas		02/03/2003	02/07/2003	Baseline Inspections
3	IP 711151	Performance Indicator Verification		02/03/2003	02/07/2003	Baseline Inspections
<b>PSB-S1 - ACCESS AUTH/CONTROL, SEC PLANS, PIV</b>			<b>1</b>			
3	IP 7113001	Access Authorization Program (Behavior Observation Only)		03/24/2003	03/28/2003	Baseline Inspections
3	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizator		03/24/2003	03/28/2003	Baseline Inspections
3	IP 7113004	Security Plan Changes		03/24/2003	03/28/2003	Baseline Inspections
3	IP 711151	Performance Indicator Verification		03/24/2003	03/28/2003	Baseline Inspections

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