



*Southern California Edison Company*

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U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D. C. 20555

Gentlemen:

Subject: **Docket Nos. 50-361 and 50-362**  
**Eleventh Edition of the Integrated Implementation Schedule (IIS)**  
**San Onofre Nuclear Generating Station Units 2 and 3**

Reference: Letter from W. C. Marsh (SCE) to Document Control Desk (NRC),  
dated July 11, 1994; Tenth Edition of the Integrated  
Implementation Schedule (IIS).

Enclosures 1 through 3 provide the Eleventh Edition of the Integrated Implementation Schedule (IIS) for the San Onofre Nuclear Generating Station (SONGS), Units 2 and 3. Enclosure 1 updates the Schedule A, B, and C projects listed in the Tenth Edition of the IIS (referenced) for SONGS 2 and 3. Enclosure 2 provides the current Schedule A, B, and C projects for SONGS 2 and 3 for Cycles 7, 8, and 9. Enclosure 3 lists the ongoing evaluations for major issues for SONGS 2 and 3.

The Westinghouse Analytical Ranking Program (WARP) was not used to rank the relative safety significance of each Schedule A and B modification because their implementation schedules have been established in separate correspondence.

If you have any questions on the Eleventh Edition of the San Onofre Units 2 and 3 IIS, please let me know.

Very truly yours,

Enclosures

cc: L. J. Callan, Regional Administrator, NRC Region IV  
A. B. Beach, Director, Division of Reactor Projects, Region IV  
K. E. Perkins, Jr., Director, Walnut Creek Field Office, NRC Region IV  
J. A. Sloan, NRC Senior Resident Inspector, San Onofre Units 2 & 3  
M. B. Fields, NRC Project Manager, San Onofre Units 2 and 3

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ENCLOSURE 1

**SCHEDULE A, B, AND C UPDATES (10th Edition IIS dated 7/11/94)**

Schedule Updates

### Schedule A Updates

Update	Unit	Due Date	DCP Number	Description	Comments
Add	C	2/29/96	7044	Vehicle Security Barriers	Rule change affecting 10 CFR 73

### Schedule B Updates

Update	Unit	Due Date	DCP Number	Description	Comments
No Change	2	Cycle 8	6910	Upgrade Target Rock Solenoid Valves	Generic Letter 91-15
No Change	2	Cycle 8	6988	Addition of Valves and Drains for In Service Test	Generic Letter 89-04
Completed	2	Cycle 8	6999	Intake Structure Security Barriers	SCE to NRC letters February 12, 1993 and July 15, 1993

**Schedule B Updates**

<b>Update</b>	<b>Unit</b>	<b>Due Date</b>	<b>DCP Number</b>	<b>Description</b>	<b>Comments</b>
No Change	2	Cycle 8	2060.00	Degraded Grid Voltage	PCN 429 submittal to NRC September 30, 1993
No Change	3	Cycle 8	6910	Upgrade Target Rock Solenoid Valves	Generic Letter 91-15
No Change	3	Cycle 8	6988	Addition of Valves and Drains for In-Service Test	Generic Letter 89-04
Complete	3	Cycle 8	6999	Intake Structure Security Barriers	SCE to NRC letters February 12, 1993 and July 15, 1993

**Schedule C Updates**

<b>Update</b>	<b>Unit</b>	<b>Due Date</b>	<b>DCP Number</b>	<b>Description</b>
No Change	2	Cycle 7	6191.00	Turbine Building Sump Radiation Monitor Low Flow Alarms
From Cycle 7 to Cycle 8	2	Cycle 7	6605.08	Control Room Human Factors
Complete	2	Cycle 7	6742.07	CCW Seismic Makeup
Complete	2	Cycle 7	6888.00	Modify 90-minute Emergency Control Room Lighting Battery Backup
No Change	2	Cycle 7	6869	Auxiliary Feedwater Overspeed Trip Setpoint
No Change	2	Cycle 8	6683.04	Snubber Reduction
No Change	N/A	Cycle 8	2066.00	EOF Diesel Modification
No Change	2	Cycle 8	6716.00	Modify Plant Monitoring System and core Operating Limit Supervisory System Back-up Computer System
Schedule Change C to B	2	Cycle 8	2005.00	In-containment Post Accident Monitoring Instrumentation Improvements
No Change	2	Cycle 8	2012.00	F020 Filter Replacement
No Change	2	Cycle 8	2061.00	Component Cooling Water Fuses
No Change	2	Cycle 8	2063.00	Steam Generator Distribution Box Replacement

### Schedule C Updates

Update	Unit	Due Date	DCP Number	Description
No Change	2	Cycle 8	2067.00	Main Steam Isolation Valve Bypass Line Modification
No Change	2	Cycle 8	6735.03	Ladders and Platforms
No Change	2	Cycle 8	6851.00	Replace Loose Parts and Vibration Monitoring System
No Change	2	Cycle 8	6855.00	Install Removable Digital Polar Crane Controls
No Change	2	Cycle 8	6864.00	Install Removable Refueling Machine Controls
No Change	2	Cycle 8	6876.00	Containment Purge and Plant Vent Stack Radiation Monitor
No Change	2	Cycle 8	6885.00	Replace Turbine Plant Secondary System Chemistry Instrumentation
No Change	2	Cycle 8	6914.00	Turbine Governor Valve Modifications
From Cycle 8 to 9	2	Cycle 8	6926.00	Replace Nuclear Monitoring Corporation Radiation Monitors
No Change	C	Cycle 8	6933.00	Toxic Gas Isolation System Instrument Replacement
No Change	2	Cycle 8	6946.00	Automatic Voltage Regulator Replacement
Complete	2	Cycle 8	6963.00	Replace Circ Water Delta "T" Inst.
No Change	2	Cycle 8	6974.00	Load Center Transformer Replacement



### Schedule C Updates

Update	Unit	Due Date	DCP Number	Description
No Change	2	Cycle 8	6984.00	Ex-core Neutron Detectors
Cancelled	2	Cycle 8	6986.00	Reorient/Replace Component Cooling Water Containment Isolation Valves
No Change	2	Cycle 8	6990.00	Reactor Coolant Pump Design Changes
No Change	C	Cycle 8	7032.00	Replace HP1000 Computer and Meteorological Equipment Enclosure
Complete	C	Cycle 8	7034.00	Replace High Flow Makeup Demineralizer Chemistry Analyzers
ADD	C	Cycle 8	7041	800 MHz Cabinet Replacement
ADD	C	Cycle 8	2071	Instrument Air Modifications
No Change	3	Cycle 7	6605.08	Control Room Human Factors
No Change	3	Cycle 7	6191.00	Turbine Building Sump Radiation Monitor Low Flow Alarms
Complete	3	Cycle 7	6742.07	Component Cooling Water Seismic Makeup
Complete	3	Cycle 7	6888.00	Modify 90-minute Emergency Control Room Lighting Battery Backup
No Change	3	Cycle 7	6869	Auxiliary Feedwater Overspeed Trip Setpoint
No Change	3	Cycle 8	6683.04	Snubber Reduction

**Schedule C Updates**

<b>Update</b>	<b>Unit</b>	<b>Due Date</b>	<b>DCP Number</b>	<b>Description</b>
Schedule Change C to B	3	Cycle 8	2005.00	In-containment Post Accident Monitoring Instrumentation Improvements
No Change	3	Cycle 8	2012.00	F020 Filter Replacement
No Change	3	Cycle 8	2061.00	Component Cooling Water Fuses
No Change	3	Cycle 8	2063.00	Steam Generator Distribution Box Replacement
No Change	3	Cycle 8	2067.00	Main Steam Isolation Valve Bypass Line Modification
No Change	3	Cycle 8	6683.04	Snubber Reductions
No Change	3	Cycle 8	6716.00	Modify Plant Monitoring System and Core Operating Limit Supervisory System Back-up Computer Systems
No Change	3	Cycle 8	6735.03	Ladders and Platforms
No Change	3	Cycle 8	6851.00	Replace Loose Parts and Vibration Monitoring System
No Change	3	Cycle 8	6855.00	Install Removable Digital Polar Crane Controls
No Change	3	Cycle 8	6864.00	Install Removable Refueling Machine Controls
No Change	3	Cycle 8	6876.00	Containment Purge and Plant Vent Stack Radiation Monitor



**Schedule C Updates**

<b>Update</b>	<b>Unit</b>	<b>Due Date</b>	<b>DCP Number</b>	<b>Description</b>
No Change	3	Cycle 8	6885.00	Replace Turbine Plant Secondary System Chemistry Instrumentation
No Change	3	Cycle 8	6914.00	Turbine Governor Valve Modifications
From Cycle 8 to 9	3	Cycle 8	6926.00	Replace Nuclear Monitoring Corporation Radiation Monitors
No Change	3	Cycle 8	6946.00	Automatic Voltage Regulator Replacement
Complete	3	Cycle 8	6963.00	Replace Circ Water Delta T Data Logger
No Change	3	Cycle 8	6974.00	Load Center Transformer Replacement
No Change	3	Cycle 8	6984.00	Ex-core Neutron Detectors
Cancelled	3	Cycle 8	6986.00	Reorient/Replace Component Cooling Water Containment Isolation Valves
No Change	3	Cycle 8	6990.00	Reactor Coolant Pump Design Changes
ADD	2	Cycle 9	6863.05	Snubber Reduction - Phase VI
ADD	3	Cycle 9	6863.05	Snubber Reduction - Phase VI

ENCLOSURE 2

ELEVENTH EDITION IIS (SONGS 2 AND 3)

**SONGS 2 & 3**  
**Integrated Implementation Schedule**  
**Eleventh Edition**

**Schedule A**

Unit	Due Date	DCP Number	Description	Comments
C	2/29/96	7044	Vehicle Security Barriers	Rule change affecting 10 CFR 73

**Schedule B**

Unit	Due Date	DCP Number	Description	Comments
2	Cycle 8	6910	Upgrade Target Rock Solenoid Valves	Generic Letter 91-15
2	Cycle 8	6988	Addition of Valves and Drains for In-Service Test	Generic Letter 89-04
2	Cycle 8	2005.00	In-Containment Post Accident Monitoring Instrumentation Improvements	SCE to NRC letter March 28, 1994 Note 1
2	Cycle 8	2060.00	Degraded Grid Voltage	PCN 429 submitted to NRC September 30, 1993

### Schedule B

Unit	Due Date	DCP Number	Description	Comments
3	Cycle 8	6910	Upgrade Target Rock Solenoid Valves	Generic Letter 91-15
3	Cycle 8	6988	Addition of Valves and Drains for In-Service Test	Generic Letter 89-04
3	Cycle 8	2005.00	In-Containment Post Accident Monitoring Instrumentation Improvements	SCE to NRC letter March 28, 1994 Note 1

Note 1: This modification will be completed by the end of the Cycle 9 refueling outage, as committed in the March 28, 1994 letter. Edison's internal schedule is to complete this modification in Cycle 8.

### Schedule C

Unit	Due Date	DCP Number	Description
2	Cycle 7	6191.00	Turbine Building Sump Radiation Monitor Low Flow Alarms
2	Cycle 7	6869	Auxiliary Feedwater Overspeed Trip Setpoint
2	Cycle 8	6605.08	Control Room Human Factors

**Schedule C**

<b>Unit</b>	<b>Due Date</b>	<b>DCP Number</b>	<b>Description</b>
2	Cycle 8	6683.04	Snubber Reduction
N/A	Cycle 8	2066.00	EOF Diesel Modification
2	Cycle 8	6716.00	Modify Plant Monitoring System and Core Operating Limit Supervisory System Back-up Computer System
2	Cycle 8	2012.00	F020 Filter Replacement
2	Cycle 8	2061.00	Component Cooling Water Fuses
2	Cycle 8	2063.00	Steam Generator Distribution Box Replacement
2	Cycle 8	2067.00	Main Steam Isolation Valve Bypass Line Modification
2	Cycle 8	6735.03	Ladders and Platforms
2	Cycle 8	6851.00	Replace Loose Parts and Vibration Monitoring System
2	Cycle 8	6855.00	Install Removable Digital Polar Crane Controls
2	Cycle 8	6864.00	Install Removable Refueling Machine Controls
2	Cycle 8	6876.00	Containment Purge and Plant Vent Stack Radiation Monitor
2	Cycle 8	6885.00	Replace Turbine Plant Secondary System Chemistry Instrumentation
2	Cycle 8	6914.00	Turbine Governor Valve Modifications
2	Cycle 8	6946.00	Automatic Voltage Regulator Replacement

**Schedule C**

Unit	Due Date	DCP Number	Description
2	Cycle 8	6974.00	Load Center Transformer Replacement (SR portion completed)
2	Cycle 8	6984.00	Ex-core Neutron Detectors
2	Cycle 8	6990.00	Reactor Coolant Pump Design Changes
C	Cycle 8	6933.00	Toxic Gas Isolation System Instrument Replacement
C	Cycle 8	7032.00	Replace HP1000 Computer and Meteorological Equipment Enclosure
C	Cycle 8	7041	800 MHz Cabinet Replacement
C	Cycle 8	2071	Instrument Air Modifications
3	Cycle 7	6605.08	Control Room Human Factors
3	Cycle 7	6191.00	Turbine Building Sump Radiation Monitor Low Flow Alarms
3	Cycle 7	6869	Auxiliary Feedwater Overspeed Trip Setpoint
3	Cycle 8	6683.04	Snubber Reduction
3	Cycle 8	2012.00	F020 Filter Replacement
3	Cycle 8	2061.00	Component Cooling Water Fuses
3	Cycle 8	2063.00	Steam Generator Distribution Box Replacement
3	Cycle 8	2067.00	Main Steam Isolation Valve Bypass Line Modification



**Schedule C**

Unit	Due Date	DCP Number	Description
3	Cycle 8	6683.04	Snubber Reductions
3	Cycle 8	6716.00	Modify Plant Monitoring System and Core Operating Limit Supervisory System Back-up Computer Systems
3	Cycle 8	6735.03	Ladders and Platforms
3	Cycle 8	6851.00	Replace Loose Parts and Vibration Monitoring System
3	Cycle 8	6855.00	Install Removable Digital Polar Crane Controls
3	Cycle 8	6864.00	Install Removable Refueling Machine Controls
3	Cycle 8	6876.00	Containment Purge and Plant Vent Stack Radiation Monitor
3	Cycle 8	6885.00	Replace Turbine Plant Secondary System Chemistry Instrumentation
3	Cycle 8	6914.00	Turbine Governor Valve Modifications
3	Cycle 8	6946.00	Automatic Voltage Regulator Replacement
3	Cycle 8	6974.00	Load Center Transformer Replacement
3	Cycle 8	6984.00	Ex-core Neutron Detectors
3	Cycle 8	6990.00	Reactor Coolant Pump Design Changes
2	Cycle 9	6863.05	Snubber Reduction - Phase VI
2	Cycle 9	6926.00	Replace Nuclear Monitoring Corporation Radiation Monitors

**Schedule C**

<b>Unit</b>	<b>Due Date</b>	<b>DCP Number</b>	<b>Description</b>
3	Cycle 9	6863.05	Snubber Reduction - Phase VI
3	Cycle 9	6926.00	Replace Nuclear Monitoring Corporation Radiation Monitors

ENCLOSURE 3

ONGOING EVALUATIONS OF MAJOR ISSUES (SONGS 2 AND 3)

Enclosure 3

ONGOING EVALUATIONS OF MAJOR ISSUES (SONGS 2 and 3)

- GL 88-20, SUP 4    Individual Plant Examination of External Events (IPEEE), to be completed by 6/01/95.
- GL 89-10            The initial safety related Motor Operated Valve (MOV) Testing and Surveillance will be completed for Units 2 and 3 by the end of their respective Cycle 8 refueling outages. Periodic verifications of MOV operability will follow.