



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
612 EAST LAMAR BLVD, SUITE 400
ARLINGTON, TEXAS 76011-4125

January 4, 2011

Pete Dietrich
Senior Vice President and
Chief Nuclear Officer
Southern California Edison Company
San Onofre Nuclear Generating Station
P.O. Box 128
San Clemente, CA 92674-0128

SUBJECT: MEETING SUMMARY FOR PUBLIC MEETING WITH SOUTHERN
CALIFORNIA EDISON

Dear Mr. Dietrich:

On December 14, 2010, representatives of Southern California Edison met with NRC personnel at the Doubletree Guest Suites Doheny Beach, located in Dana Point, California to discuss safety culture at San Onofre Nuclear Generating Station. The meeting was held as requested by the NRC in the Midcycle Assessment letter dated September 1, 2010. The meeting attendance list and NRC and licensee presentations are included as Enclosures 1, 2, and 3.

In accordance with 10 CFR 2.390 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's Public Document Room or from the Publicly Available Records (PARS) component of the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the Public Electronic Reading Room page of the NRC's public web site at www.nrc.gov/reading-rm/adams.html.

Sincerely,

/RA/

Ryan E. Lantz, Chief
Project Branch D
Division of Reactor Projects

Docket Nos. 50-361, 50-362
License Nos. NPF-10, NPF-15

Enclosures:

1. Meeting Attendance List
2. NRC Presentation
3. Southern California Edison Presentation

Mr. Peter Dietrich
Vice President and Chief Nuclear Officer
Southern California Edison Company
San Onofre Nuclear Generating Station
P.O. Box 128
San Clemente, CA 92674-0128

Chairman, Board of Supervisors
County of San Diego
1600 Pacific Highway, Room 335
San Diego, CA 92101

Gary L. Nolf
Assistant Director-Resources
City of Riverside
3900 Main Street
Riverside, CA 92522

Mark L. Parsons
Deputy City Attorney
City of Riverside
3900 Main Street
Riverside, CA 92522

Gary H. Yamamoto, P.E., Chief
Division of Drinking Water and
Environmental Management
1616 Capitol Avenue, MS 7400
P.O. Box 997377
Sacramento, CA 95899-7377

Michael J. DeMarco
San Onofre Liaison
San Diego Gas & Electric Company
8315 Century Park Ct. CP21G
San Diego, CA 92123-1548

Director, Radiological Health Branch
State Department of Health Services
P.O. Box 997414 (MS 7610)
Sacramento, CA 95899-7414

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

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

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

Doug Bauder
Southern California Edison Company
San Onofre Nuclear Generating Station
P.O. Box 128
San Clemente, CA 92674-0128

Mr. Steve Hsu
Department of Health Services
Radiologic Health Branch
MS 7610, P.O. Box 997414
Sacramento, CA 95899-7414

Mr. Thomas McCool
Southern California Edison Company
San Onofre Nuclear Generating Station
P.O. Box 128
San Clemente, CA 92674-0128

Chief, Radiological Emergency Preparedness Section
National Preparedness Directorate
Technological Hazards Division
Department of Homeland Security
1111 Broadway, Suite 1200
Oakland, CA 94607-4052

Electronic Distribution:

Regional Administrator (Elmo.Collins@nrc.gov)
 Deputy Regional Administrator (Art.Howell@nrc.gov)
 DRP Director (Kriss.Kennedy@nrc.gov)
 DRP Deputy Director (Troy.Pruett@nrc.gov)
 DRS Director (Anton.Vegel @nrc.gov)
 Senior Resident Inspector (Greg.Warnick@nrc.gov)
 Senior Resident Inspector (Temp) (John.Reynoso@nrc.gov)
 Branch Chief, DRP/D (Ryan.Lantz@nrc.gov)
 Senior Project Engineer, DRP/D (Gerond.George@nrc.gov)
 Site Administrative Assistant, DRP/D (Heather.Hutchinson@nrc.gov)
 Public Affairs Officer (Victor.Dricks@nrc.gov)
 Public Affairs Officer (Lara.Uselding@nrc.gov)
 RITS Coordinator (Marisa.Herrera@nrc.gov)
 Regional Counsel (Karla.Fuller@nrc.gov)
 Congressional Affairs Officer (Jenny.Weil@nrc.gov)
 OEmail Resource
 OEDO RIV Coordinator (Geoffrey.Miller@nrc.gov)
 ROPreports
 Institute of Nuclear Power Operations (INPO)
 State Liaison Officer (Bill.Maier@nrc.gov)

SUNSI Review Completed: Yes ADAMS: Yes No Initials: GG
 Publicly Available Non-Publicly Available Sensitive Non-Sensitive
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RIV:SPE:DRP/D	PAO	RSLO	C:DRP/D
GGeorge	VLDricks	WAMaier	RELantz
/RA/	/RA/	/RA/	/RA/
1/3/11	1/4 /11	1/4 /11	1/4 /11

OFFICIAL RECORD COPY T=Telephone E=E-mail F=Fax

PUBLIC MEETING ATTENDANCE

LICENSEE/FACILITY	Southern California Edison / San Onofre Nuclear Generating Station	
DATE/TIME	December 14, 2010 6:00 pm PST	
CONFERENCE LOCATION	Doubletree Guest Suites Hotel 34402 Pacific Coast Highway Dana Point, CA	
NAME (PLEASE PRINT)	ORGANIZATION	TITLE
Lois Anderson	SCE	Clerical
Rick Haupt	SCE	TSP 3
Richard C. Miller	SCE	Consultant
Jorge Morales	SCE	Mgr.
Anil Dharmapal	SCE	NOD
Kathy Lucarelli	SCE	APPD
BILL BROUGH	CITY OF DANA POINT	COUNCIL MEMBER
Jeff Ellis	VOLT	Proj. Mgr.
Michael Borge	Borge Communications	Owner
Andrew Simcock	New Millennium	Project Mgr
Derek & Nancy Casady	Alliance for Nuclear Responsibility	Board President
John & Jennifer Massey	-	-
Nick Koelpel	SCE	-
Randal Seich	None	-
Robert Murphy	SCE	-

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NAME (PLEASE PRINT)	ORGANIZATION	TITLE
Rick Buscardo	Public SCE Ref	
Mike Mason	" " "	
Brian Leung	CPOC	Engineer
MELANIE PORTILLO	SCE MHCs	TECH. SPEC
RON CASH	SCE	MNGR
RYAN TREADWAY	SCE	MGR (NRA)
LARRY CAMPBELL	SCE	MGR (SCWE)
Oliver L. Mills	SCE	MGR (SCWE)
Donnell Cadoret	SCE	SCWE
MATT KERZIE	SCE	SCWE
Richard GARCIA	SCB	Tech Spec
Angela Taylor	SCE SONGS	Admin Sup.
Peter Mich	SCE	ENGINEER
Alan M	SCE —	—
EDWARD GRIBBLE	SCE	ENGINEER

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NAME (PLEASE PRINT)	ORGANIZATION	TITLE
Alicia Young		
Jim Maslow		
Sen Tucker	City of San Clemente	Emergency Planning Office
Oscar Flores	SCE	Overnight
Das Cleopatra	SCE	Emergency Plan.
Acc [Signature]	Self	Mr.
DOUG BARDOL	SCE	V.P. SONGS
Tom McCod	SCE	Plant Manager
Joe Sheppard	SCE	SVUP
Deborah Wernitz	SCE	TSP
PAUL Conway	N/A	N/A
KATHLEEN YHIA	SCE	
Lacey Logan	LSA, Inc.	
Terry Harner	SCE	N/A
ROB HOWARD	UWUA	

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NAME (PLEASE PRINT)	ORGANIZATION	TITLE
BRANDY DONINI	SONGS SCE	OAZ
RYAN PETTUS	SONGS SCE	
MARTIN PAINE	San Mini WALTERS	Director Director
DARIN R. McClure	Public	DAD
Gerald Hammond	SONGS SCE	
Tom Du	SCE	
Katherine Yoy	Sanelute / SCE	
Mike Shepard	SONGS	
Catherine Scannell	SONGS	
T-N SAUNDHARA	Public	
GARY & LUCAS HENDRICK	SC GREEN	Co-FOUNDERS
Willis G FRIEL	SCE	ECP manager
Maureen Coveney	SCE	Director, IT
Megan Jordan	SCE	Director, Corp Comm
Marion Linn	_____	_____

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NAME (PLEASE PRINT)	ORGANIZATION	TITLE
RICHARD BANISTER	CITIZEN	RETIRED
Dean Yarbrough	SCE	operations
Laura Howard	SCE	mgmt.
PETE DIETRICH	SCE	MGMT
R.G. Wilson	SCE	SCE
W. Baer	SCE	SCE
Andrew Martinez	SCE	MGMT
Duane Donnelly	SCE	MGR
GREG BECKER	SCE SCE	MGR.
CAROLINE McANDREWS	SCE	Dir. LR
RUSS WIELSEN	SCE	Supv - Songs
R. K. DICKY	CITIZEN / SCE	INSTRUCTOR RAD SAF.
R. L. Sandstrom	SCE	MGR
JOHN ARNOLD	SCE	MGR.
DIANA ADREN	SCE	TRP

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NAME (PLEASE PRINT)	ORGANIZATION	TITLE
Kelli Gallon	SONGS	EP Manager
Sue Hingate	Songs	HR
Pepe Lawrence	Oceanside Fire	Battalion Chief
James Chambers	SCE	worker
Bethann Chambers		
Beth A. Nilsson	Nilsson & Associates	Consultant
Warren D. Nilsson	" "	" "
CONNIE TUNG	SONGS	CHEMISTRY
Tristan Reyes/Close	SCE	Law
GARY Edwards	SCE	ENGINEER
Jerry Colpamer	San Clemente Res	
Todd Gallaher	public	
ROBERT CANDELARIA	SCE	EQUIP. OPERATOR
Pam Panek	SCE	Manager, NBA
Tim Hawthorne	SCE	Operations

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NAME (PLEASE PRINT)	ORGANIZATION	TITLE
JS PERRY	—	—
Clay Williams	SCE	
Michael Stevens	SCE	
John Barrow	SCE	
Sara Kaminske	OCOD/IPC	Assistant Emergency Manager
Diamond Fox	Self	
Kolera Buford	SCE	Sup
Liz Douglass	self	Self
MARINA FARMA	SCE	Sup
Raymond Spornbauer	SCE	I/C Sup
BARRY WALCARR	SCE	DIRECTOR
GARY KLINTE	SCE	SCIN
Judi Wallace	—	—
DANIEL DOMINGUEZ	Self UAW LOCAL 246	BUSINESS MANAGER
Stacey Sargent	SCE	SONGS

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NAME (PLEASE PRINT)	ORGANIZATION	TITLE
Richard DAVIS	SCE	M+IT Mgr.
JACK CRONK	SCE	Mgr
Vincent Gagnon	SCE	Supervisor
BOB CORBETT	SCE	Dir.
GALAC KERNAHAN	—	—
Mel Kernahan		
ROGER WATERS	SCE CONTRACTOR	CONSULTANT
KAREN STRAND	SCE	
Shannon Butten	SCE	
David P Smith	SCE	
CARL WOOD	UTILITY WORKERS UNION	REG. AFFAIRS DIRECTOR
Kevin Dale	SCE	SUPERVISOR
Jamie Fluellen	SCE	Supervisor
Mario Pena	SCE	NBA
MICK BROWN	SCE	HU MGR

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NAME (PLEASE PRINT)	ORGANIZATION	TITLE
Sarah Brown	self	
Kate Strom	SONGS	NTD / Chemistry
William Madhavan	Stone & Webster	Supervisor
PAUL MCGREGOR	SCE & SC RESIDENT	MANAGER
Nicole Pappas	SCE	Analyst
W. Doyle	SCE / UAWA	
Linda Conklin	SCE	
Pindsay Anderson	SCE	Manager
Lee Kelly	SCE	Engineer
Richard St. Ange	SCO	NRA
Liese Mosher	SCE	Corp Com
Lyn Harris/Hicks	CREED	Advocate
PAUL ZAPPALÀ	SCE	ATTY
Esther Paine	SCE	ATTY
ARRIS WILSON	SCE	MAINTENIST



San Onofre Nuclear Generating Station Public Meeting

Performance Improvement

Nuclear Regulatory Commission - Region IV
December 14, 2010

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Agenda

- Introductions
- NRC Remarks
- SCE Presentation
- Final Remarks
- Questions and Answers

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Introductions

Troy Pruett – Deputy Director, DRP

Ryan Lantz – Branch Chief, RPBD

Greg Warnick – Senior RI, SONGS

Randy Hall – Project Manager, SONGS

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Purpose of Today's Meeting

Discussion of San Onofre Nuclear Generating Station's (SONGS) progress in addressing concerns in:

- Human Performance (HP)
- Problem Identification and Resolution (PIR)
- Safety Conscious Work Environment (SCWE)

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Licensee Response

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Closing Remarks

Troy Pruett – Deputy Director DRP

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Contacting the NRC

- Report an emergency
 - (301) 816-5100 (24/7 NRC Headquarter's Operation Center)
(call collect)
- Report a safety concern:
 - (800) 695-7403 (Toll-free Safety Hotline)
 - Allegation@nrc.gov
- General information or questions
 - www.nrc.gov
- Victor Dricks, Public Affairs Officer, RIV
 - 817-860-8128
 - Victor.Dricks@nrc.gov

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ListServ

- Receive all NRC documents open to public comment regarding specific plants
- Easy to request:
 - Go to www.nrc.gov
 - Click on "Public Meetings & Involvement"
 - Click on "Subscribe to E-mail Notices," which is located under the title "Information and Meeting Scheduled to Help You Participate" Click on "Operating Reactor Correspondence"
- Instruction handouts provided at the NRC table

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Reference Sources

- Reactor Oversight Process
 - <http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/index.html>
- Public Electronic Reading Room
 - <http://www.nrc.gov/reading-rm.html>
- Public Document Room
 - 1-800-397-4209 (Toll Free)

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Questions/Comments

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San Onofre Nuclear Generating Station

Station Update
U.S. Nuclear Regulatory Commission Meeting
December 14, 2010

Presentation Agenda

- Opening Remarks
- Problem Identification and Resolution (PI&R)
- Human Performance (HU)
- Safety Conscious Work Environment (SCWE)
- Commitment Management
- Closing Remarks

Southern California Edison Commitment

We operate San Onofre Nuclear Generating Station (SONGS) safely and reliably to the highest standards to protect the health and safety of the public.

SONGS Leadership Transition

- **Pete Dietrich**
Senior Vice President and Chief Nuclear Officer
- **Joe Sheppard**
Senior Vice President and former Chief Nuclear Officer,
Current Advisor to EIX Board
- **Doug Bauder**
Site Vice President and Station Manager
- **Tom McCool**
Plant Manager

Overall Goal: SONGS Excellence

- Strong **focus on fundamentals**, high standards and quality
- Greater **accountability** and alignment
- **Sustainable** long-term performance improvement



Plant Operations

- Unit 2 continues to operate safely and reliably
- Unit 3 outage is progressing safely as planned
- SONGS continues to provide safe, clean and efficient power to millions of Californians



Problem Identification and Resolution (PI&R) Strategy

- Rebuild the application and effectiveness of the Corrective Action Program (CAP)
- Accomplished through:
 - Station priority
 - Alignment with industry standards
 - Focus on changing behaviors
 - Metrics to drive accountability
- Strong and healthy CAP is fundamental to continuous improvement



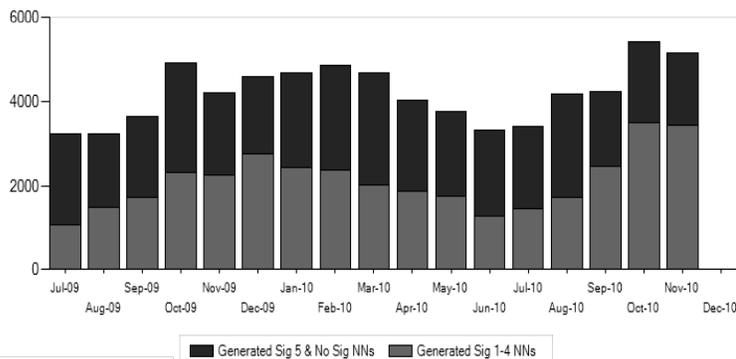
Open PI&R Themes

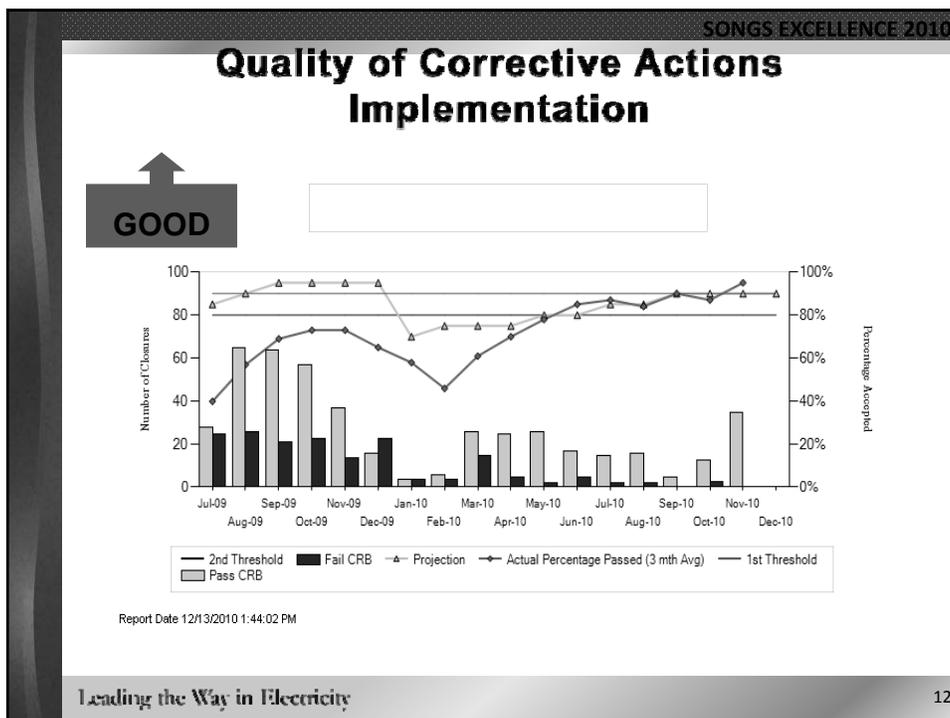
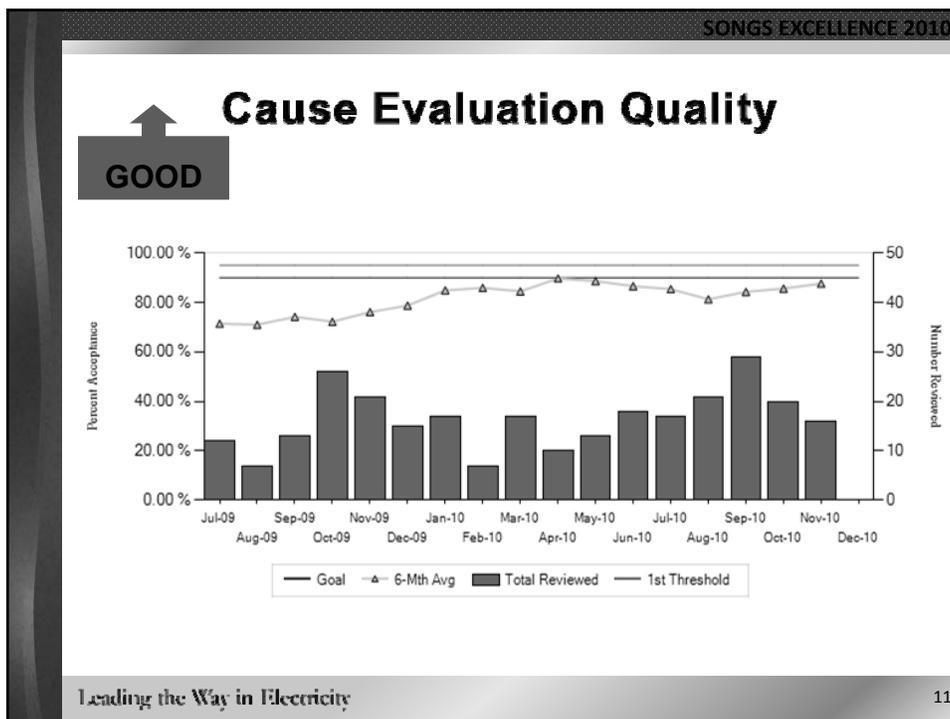
- Low threshold for identifying issues
- Thoroughly evaluating problems so solutions address causes and extent of conditions
- Timely, appropriate corrective actions, commensurate with safety significance of issues

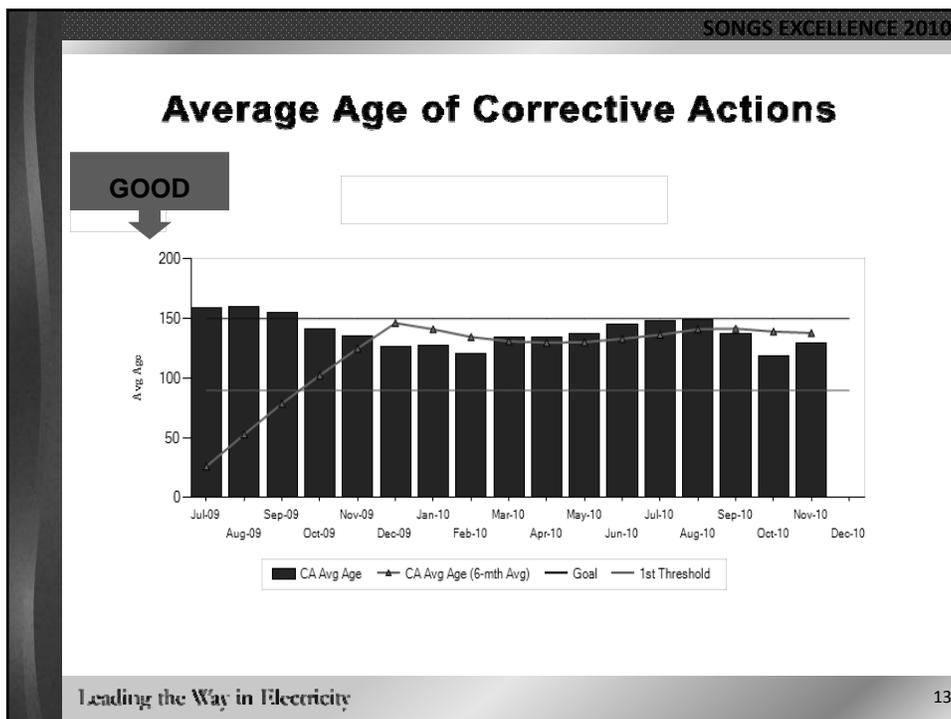
PI&R Progress and Results

- Issues being identified at low level
 - Improved cause evaluation timeliness and quality
 - Prompt evaluation of problem significance and improved timeliness of corrective action
- SCE clearly recognizes that improvement must continue

Total Number of Nuclear Notifications Generated







SONGS EXCELLENCE 2010

Sustainable Performance

- Incorporation of improvements into:
 - Procedures
 - Training and qualification of employees (initial and ongoing)
 - Corrective actions to prevent recurrence
- Metrics, ongoing monitoring and “check and adjust” processes, and industry peer assessments
- Longer-term Site Integrated Business Plan to drive further CAP improvement

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Human Performance Strategy

- Reduce frequency of events by anticipating, preventing and catching active errors
- Minimize severity of events by identifying and eliminating latent weaknesses
- Accomplished through:
 - Station priority
 - Alignment with industry standards
 - Focus on changing behaviors
 - Line engagement and ownership
 - Metrics to drive accountability



Open Human Performance Themes

- Decision-making using conservative assumptions
- Resources – adequate design documentation, procedures and work instructions
- Communication of human error prevention techniques
- Communicating expectations regarding procedural compliance and personnel following procedures
- Supervisory and management oversight of work activities

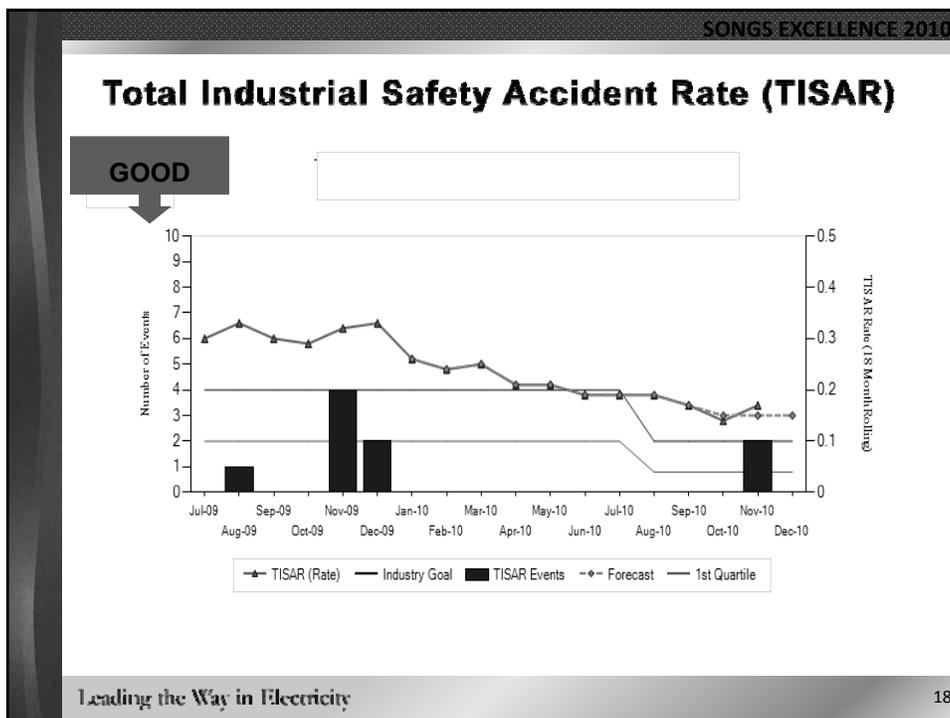
SONGS EXCELLENCE 2010

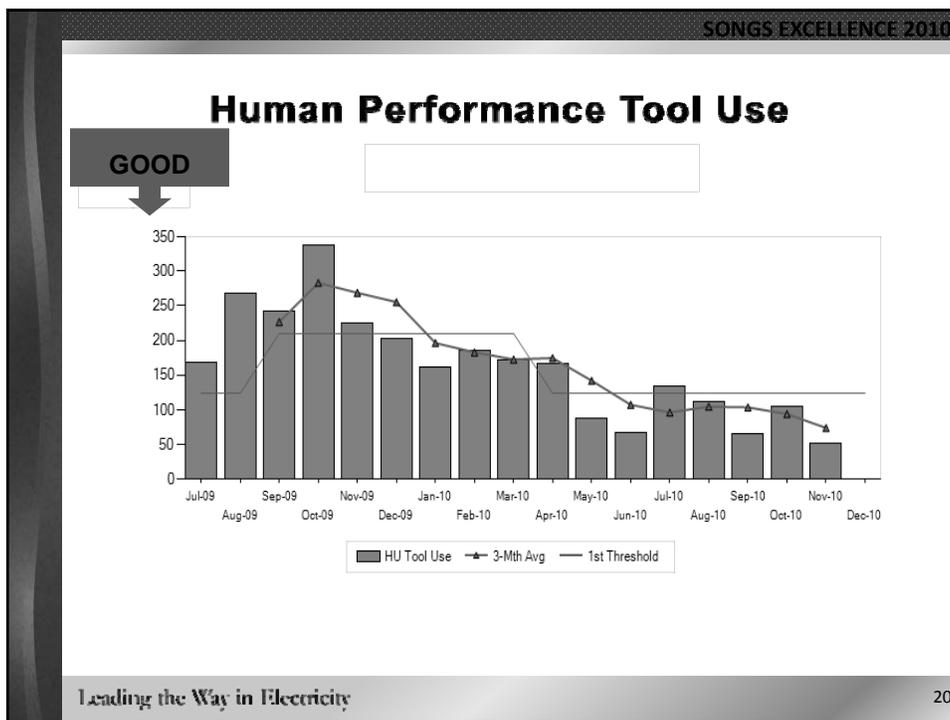
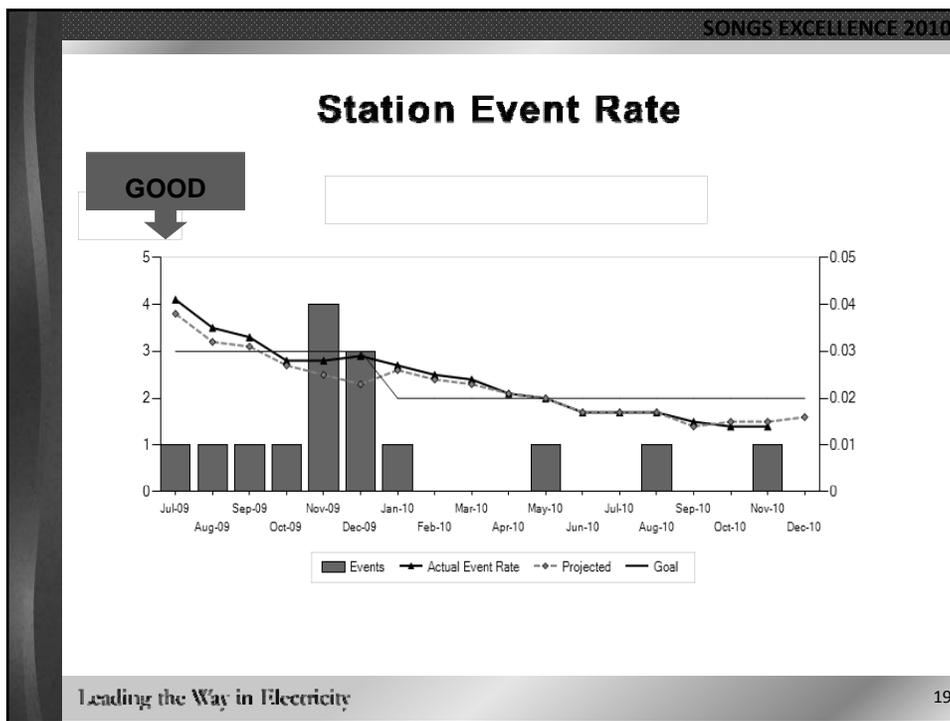
Human Performance Progress and Results

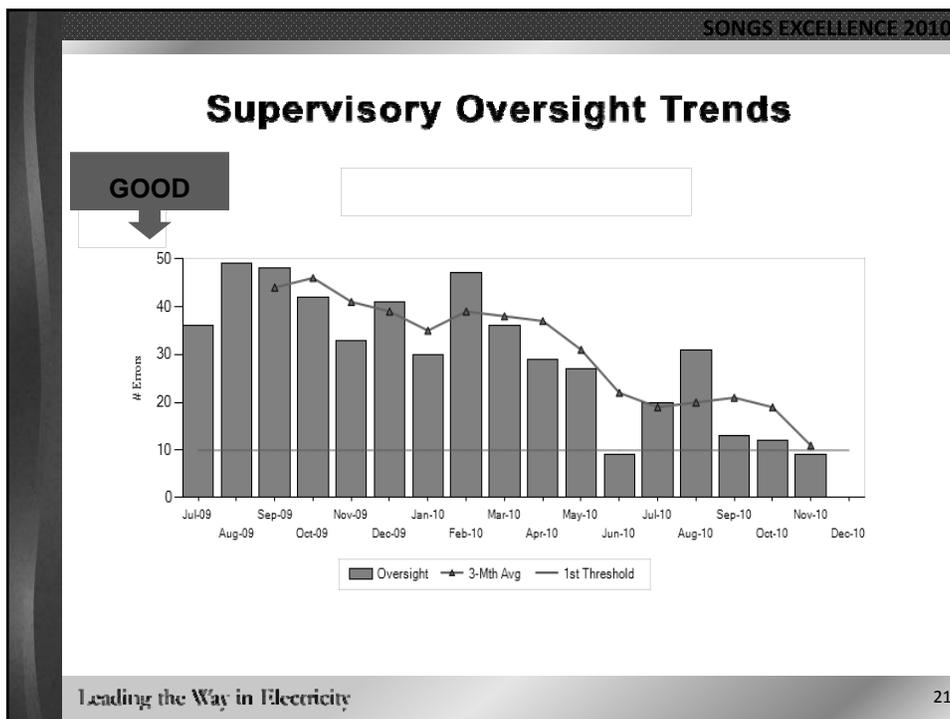
- Communication of human error prevention techniques
- Supervisory and management oversight of work activities
- Consistent use of Human Performance Tools Blue Book
- Coaching
- Improved procedure use and stopping when uncertain

➤ SCE clearly recognizes that improvement must continue

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SONGS EXCELLENCE 2010

Sustainable Performance

- Issuance of documented guidance such as:
 - Updated Human Performance Tools Blue Book
 - SONGS Excellence Guidebook
 - Procedures / templates
- Ongoing Human Performance training
- Metrics, ongoing monitoring and “check and adjust”
- Long-term Site Integrated Business Plan to drive HU improvement
 - Role of CAP performance in improving HU
 - Understand need to make additional near-term, sustainable gains

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Safety Conscious Work Environment Update

Key Actions since September Public Meeting:

- Conducted SCWE training for outage contractors
- Conducted orientation meetings with outage contractors regarding SCWE
- Continued ongoing monitoring of SCWE
 - Interventions in cases of potential SCWE concern
- Conducted task group meetings with supervision and workforce to better define and address work environment issues in key groups



Safety Conscious Work Environment Update

Current Results:

- CAP and SCWE metrics indicate willingness to report issues
- Improved CAP accessibility and awareness
- Improved Employee Concerns Program (ECP) accessibility and awareness
- Surveys indicate overall comfort raising issues
- However, NRC allegations remain high

Near-Term Significant Initiatives:

- Reinforce leadership alignment / accountability for SCWE
- Accelerated actions to address particular leaders / groups
- Upgraded analysis, monitoring and response mechanisms for sustainability

Commitment Management Background

- Late completion of some NRC commitments in 4th Quarter 2009 and 1st Quarter 2010
- Cause evaluation identified need for improvements in commitment management process
- Corrective action taken
- No late commitments identified since 1st Quarter 2010

Closing Remarks

