

A tropical resort scene featuring a large, irregularly shaped swimming pool with a blue tint. The pool is surrounded by a paved deck area with several striped umbrellas. In the background, there are palm trees and a building with a red roof. The sky is clear and blue.

Nuclear Supply Chain Strategic Leaders (NSCSL) Group Update

RAPID Conference 2016

Jim Kitchens

NSCSL Chairman

What Is The NSCSL?

- The NSCSL was established in 2001 to provide a forum for nuclear utility supply chain leadership and coordinated collaboration around sharing of information, best practices and mutual support
- Roughly 25 utilities/fleets in the U.S./Canada and EPRI currently represented
 - Membership open to all nuclear unit licensees
- Monthly conference calls
- Two meetings per year
 - Next meeting at EPRI in conjunction with the ER and Supply Chain Parts Quality Workshop; Sept., 2016

NSCSL Vision And Mission

- Vision

- The NSCSL will be the “Go To” industry resource and information clearinghouse, providing access to information and subject matter experts devoted to support, guidance, continuous improvement and excellence for the nuclear utility supply chain professional.

- Mission

- The NSCSL will create a nuclear supply leadership forum for defining, prioritizing, and resolving nuclear supply chain industry issues, and to encourage the identification and implementation of best supply chain practices. We will optimize our interface with other industry organizations to bring consistent and complimentary focus to the current issues challenging our business and we will partner with the EPRI, JUTG, INPO, NEI, NRC, NUPIC and others to further promote the advancement of nuclear power operations.

Current Activities

- INPO Parts Quality Initiative
- Critical Spares
- Integration/Collaboration/Support of Industry Groups
 - INPO ER and WM Teams
 - JUTG
 - NUOG
 - NUPIC
- Delivering the Nuclear Promise (DNP)

DNP CNO Functional Leads

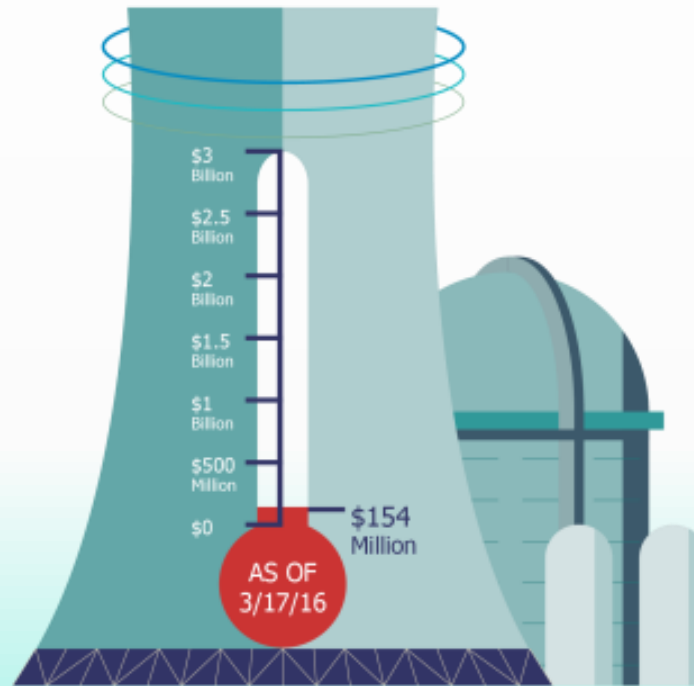
- **Corrective Action Program** Danny Bost, Southern Nuclear
- **Engineering** Tim Rausch, Talen Energy
- **Preventive Maintenance Templates** Neil Wilmshurst, EPRI
- **Radiation Protection** Fadi Diya, Ameren Missouri
- **Regulatory Efficiency** Mano Nazar, NextEra
- **Security** Bryan Hanson, Exelon
- **Training** Randy Edington, Arizona Public Service
- **Work Management Execution** Tim O'Connor, XCEL
- **Work Management Preparation** Dennis Koehl, STP
- **Supply Chain** Adam Heflin, Wolf Creek

DNP Accomplishments So Far

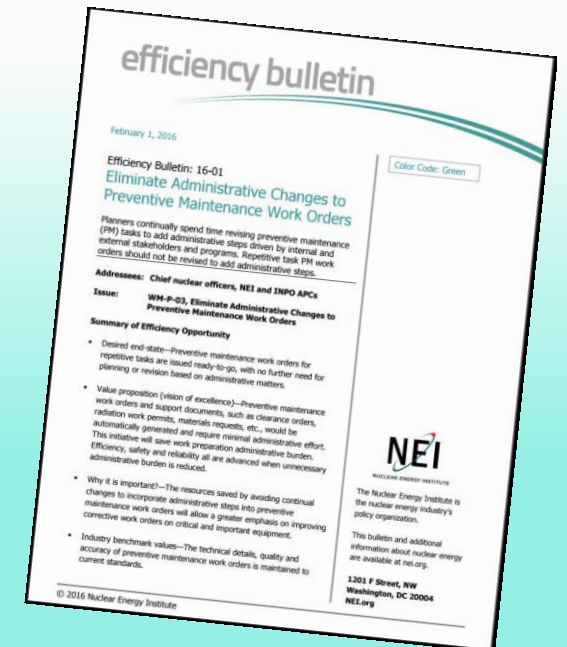
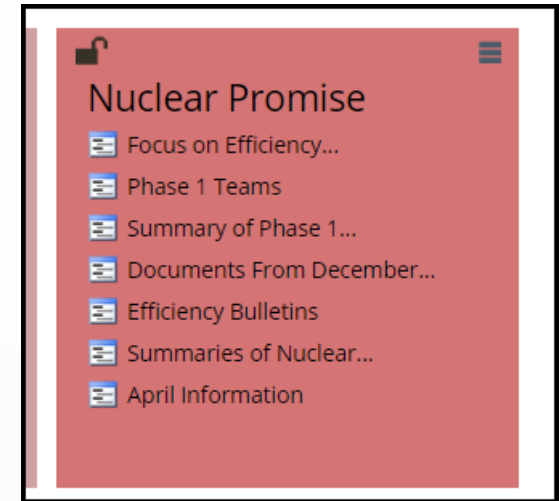
- 11 teams—led by chief nuclear officers—identifying areas where efficiencies or process improvements may be gained
- Efficiency Bulletins are being distributed to nuclear plant operators to clearly identify, characterize and standardize improvement opportunities
- Implementation has begun. In most cases, the pace and scope of implementation will be determined by each company

10 Efficiency
Bulletins
Issued as of
March 17

Delivering the Nuclear Promise: Estimated Value of Improvement Opportunities



<http://www.nei.org/Issues-Policy/Delivering-the-Nuclear-Promise>



Projected Savings from First 10 Bulletins

First 10 bulletins will enable \$154 million in savings

Bulletin No.	Title	Bulletin Date	IO	Color	Target Implementation Date	Webinar	Estimated Annualized Site Value (\$K)	Estimated Annualized Industry Value (\$M)
16-01	Eliminate Administrative Changes to Preventive Maintenance Work Orders	02/01/2016	WM-P-03	GREEN	N/A	3/15	375	23
16-02	Implement Graded Approach to Walkdowns	02/02/2016	WM-P-04	GREEN	N/A	3/15	375	23
16-03	Align Personnel Contamination Event Response to Industry Guidance	02/02/2016	RP-01	GREEN	N/A	2/29	36.2	1.7
16-04	Source Checking Personnel and Tool Contamination Monitors	02/02/2016	RP-05	BLUE	June 2016	2/29	50.0	3.1
16-05	Non-Licensed Operator/Maintenance and Technical Continuing Training	03/17/2016	TRN-5.1	BLUE	June 2016	4/21 cancelled	938	57.2
16-06	Implementing a Standardized Search and Seal Process	03/17/2016	SEC-016	BLUE	June 2016	4/07	14	0.9
16-07	Training Task List Reviews	03/17/2016	TRN-3.1	BLUE	June 2016	4/21 cancelled	34	2.1
16-08	Eliminate Formal Margin Management Programs	03/17/2016	ENG-002	BLUE	June 2016	4/06	26.3	1.6
16-09	Security Shift Brief and Turnover	03/17/2016	SEC-038	BLUE	June 2016	4/07	300	18.3
16-10	Reduce Cumulative Impact From the Corrective Action Program	03/17/2016	CAP-001	BLUE	December 2016	3/24, 3/25, 3/29, 4/4	375	22.9
						Total	2523.5	153.9

What's Next?

- Future efficiency bulletins will enable more savings
 - Dozens of efficiency bulletins are expected to be issued in the next two years
 - Improving efficiency must become part of the culture of the nuclear industry
 - We must constantly maintain safety, ensure reliability and look for opportunities to enhance efficiency

DNP Supply Chain Activities


- CNO Sponsor: Adam Heflin (Wolf Creek)
 - SCM Lead: Dave O'Brien (Exelon)
 - SC-01 – Strategic Sourcing (Matt Gooder – Exelon)
 - SC-02 – Material Cost Reduction (Rami Garcia – NextEra)
 - SC-26 – Contract Forensics (Jim Ripple – Southern)
 - TRN-5.3 – Use of EPRI training for supplemental labor efficiencies
 - Each of the initiatives has sub-teams and/or leads assigned
- Regular Meetings and Phone Calls
 - Input and Support requested across the industry through the NSCSL

DNP Supply Chain Activities

- Proactive **supplier** engagement and assistance is **essential** to **our** success
- Near-term learning/engagement opportunities for suppliers:

**Delivering the Nuclear Promise:
Supplier Engagement Workshop**

June 21, 2016
Hyatt Regency St. Louis at The Arch
St. Louis, MO



NEI
NUCLEAR ENERGY INSTITUTE

- In conjunction with NUPIC/NRC Meetings
- Adam Heflin will be speaking
- USA Executive Summit
 - July 13-15, 2016
 - Dave O'Brien and others will be speaking
 - See Jim Kitchens for more information



2016
NUCLEAR GENERATOR & SUPPLIER
EXECUTIVE SUMMIT
Salt Lake City, Utah
HOSTED BY U.S.A

Questions?

