

Issue: December 2016

### Chairman's Message

By: Brian Mervak South Carolina Electric and Gas

"NUPIC is, in effect an extension of each member's audit organization."

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### Chairman's Message

NUPIC is a unique and important industry organization. In 1989 NUPIC began a successful process of combining industry resources to perform regularly scheduled audits and surveys of nuclear suppliers, which could be shared by all members. In implementing the NUPIC processes, the organization produced tremendous savings through sharing of resources; arguably in millions of dollars per year per member in combined industry and manufacturing resource savings. In 2005, when industry executives attempted to identify and consolidate all industry outside organizations, NUPIC was one of 363 industry groups identified whose memberships promoted some aspect of support for nuclear power. What makes NUPIC unique from the others, perhaps singularly, is that NUPIC performs a service which requires significant resources from each of its members. NUPIC is, in effect, an extension of each member's audit organization.

With the industry challenged by competition from other energy sources, and NUPIC's significant impact on utility resources, our organization was asked by industry executives to reexamine our processes. One area examined was the frequency of audits. So throughout this year, proposals were presented to increase supplier audit intervals, to fall in line with the regulatory requirement of 36 months. Through much discussion and vetting, a proposal was approved for vote at our October meeting to extend NSSS and Fuel Manufacturing audit frequencies from 24 months to 36 months; and to extend all other audit / survey frequencies from 30 months to a nominal 36 months (typically 33 months). This proposal was subsequently approved with more details on this change provided later in this newsletter.

The new intervals will reduce the number of audits and surveys performed each year, reducing member audit commitments. However, it is important to stress that with these new intervals come challenges of scheduling and completing activities within a smaller time window. For non-NSSS and Fuel suppliers, Lead auditors will now have a window of about 3 months to schedule the audit, complete the audit, and issue the audit report. So early planning, and cooperation between the lead utility, audit team members, and audited suppliers will be essential to the success of the new intervals. Also, audit reports for non-NSSS and Fuel suppliers will have to be posted in sufficient time to allow review and acceptance of by user utilities prior to exceeding the triennial audit term limit. Details are contained in revised NUPIC Documents number 4 and number 8. In the long term, I believe that these changes will be good news to both utilities and nuclear suppliers, and will be supportive of the industry goals to lower energy cost, without sacrificing the quality and depth that our audits provide.

On behalf of the steering committee, I would like to thank each member, domestic and international, for their contributions to this initiative, and for accepting the challenges we are presented with by the current energy environment. It is enlightening to witness the enthusiasm and candor of our members at each meeting. With such commitment, I am reassured that our success as an organization will continue. Best wishes to you all for a great holiday season, and for a prosperous new year.



### NUPIC

NUCLEAR PROCUREMENT ISSUES COMMITTEE

### NUPIC WELCOMES NEW STEERING COMMITTEE MEMBERS

The October NUPIC General Meeting resulted in a few changes in the makeup of the NUPIC Steering Committee members. Brian Mervak (SOC) remains the NUPIC Chair and Mark Coren (DPC) as Vice-Chair. Mike Buel (WCN) became the NUPIC Treasurer with David Soward (XEL) remaining as the NUPIC Secretary. Dave Essensa (NBP) remains the steering committee member representing the international utilities. Three of the four Region Representatives have also changed, which now breaks out as follows: Region 1 is Kevin Buckley (EXL); Region 2 is David Breneman (DOM); Region 3 is Tom Cannon (BPL); and Region 4 is John Simmons (LUM).

Our thanks to those that served and to those that have stepped up to the plate to take on the challenges of steering our organization into the future. It is important to remember that our Steering Committee needs all of NUPIC membership's support to fulfill our mission. Don't hesitate to support them when you are called upon to help.

### NUPIC TRAINING COMMITTEE REPORT

By: Albert Fonner (American Electric Power), NUPIC Training Committee Chair

The next NUPIC Auditors Conference in February 2017 will soon be upon us: Feb. 13 and 14, 2017, to be precise; and, the NUPIC Training Committee is hard at work to provide NUPIC members with training that will help us all be successful. We have selected several topics based on your input and industry trends.

As usual, we will be discussing changes to the NUPIC Documents and NUPIC database, as applicable. We will also be receiving an update from the NRC, including a discussion on what the NRC has observed concerning how we close NUPIC findings. From a more technical perspective, we will be providing sessions on two important topics from the audit checklist: Material Control, and Design. Also, discussions of Reverse Engineering and Commercial Grade Dedication will be presented. Finally, a case study will be offered that is based on an actual vendor audit's results. It is our hope that these topics will be informative and provide you with additional insights into performing a NUPIC audit.

To close, I'm sure everyone is wondering about the next offering EPRI's NUPIC Lead Auditor Course. We will be working with Marc Tannenbaum of EPRI to finalize this offering and will have more information available by the upcoming NUPIC Auditors Conference in Feb. 2017.

### 2017 NUPIC MEMBERSHIP DUES

By: Mike Buel (Wolf Creek)

All NUPIC Member Utilities, please note that invoices for the 2017 NUPIC Membership Dues were e-mailed to all respective NUPIC Representatives for the 2017 Membership Dues. The Invoice template was revised to clearly point out 4 different methods of payment for your convenience. Payment is due by February 10, 2017. If you have any questions, please contact Mike Buel – Treasurer, at 573-680-7091 or mibuel@wcnoc.com



### NUPIC

### NUCLEAR PROCUREMENT ISSUES COMMITTEE

### 2017 NUPIC AUDITOR'S CONFERENCE & SPRING MEETING

By Roger Mills (PSEG Nuclear, LLC)

### February 13 - 16, 2017

hosted by

Public Service Electric and Gas Company – Nuclear

NUPIC Representatives, NUPIC Lead Auditor, NUPIC Auditors, and aspiring NUPIC Auditors; Mark your calendars for the NUPIC Auditor Conference and General Meeting, February 13-16, 2017. The conference is on Monday and Tuesday February 13<sup>th</sup> and 14<sup>th</sup> and will be hosted by Public Service Electric and Gas Company – Nuclear

and will be located at the Crowne Plaza Philadelphia in historic Cherry Hill, NJ. The hotel is only 7 miles from central Philadelphia, this modern hotel is also 6 miles from the Garden State Discovery Museum and 6 miles from the Adventure Aquarium. The NUPIC General meeting follows on Wednesday and Thursday February 15<sup>th</sup> and 16<sup>th</sup>.

Al Fonner and the NUPIC Training Committee are hard at work preparing a worthwhile agenda which will provide excellent opportunities to hone auditor's skills, share experience, and support improvements in NUPIC processes by interacting with NUPIC members who are directly responsible for these processes.



This Auditor's Conference is expected to discuss some of the changes being made to address the efforts of the 'Delivering the Nuclear Promise' initiative. Included in the discussion will be the changes in the scheduling of NUPIC audits and Surveys and also the new definitions of what is a Findings verses what is a Deficiency. This area alone will be a worthwhile reason for coming to this training.

Information on this conference is posted on the NUPIC website under "Future Meetings". There are instructions for registration and additional information will be sent to all NUPIC representatives. The Hotel room rate starts at \$119/night, and this rate is available from February 12<sup>th</sup> to February 17<sup>th</sup>. Junior Suites at \$225 and Executive Suites at \$350, are also available. Note these dates avoid Super Bowl Sunday, which is February 5th. Deadline to make a room reservation at the NUPIC room rate is January 12th. You can also call 888.233.9527 for reservations. Let them know you are with the 'February 2017 Auditor Conference Meeting' to receive the discounted rate.

Additional information about the hotel, including directions and transportation, can be found at <a href="https://www.ihg.com/crowneplaza">www.ihg.com/crowneplaza</a> and search for Cherry Hill, NJ.

Register now! We look forward to your participation in a great learning and travel opportunity!

Questions can be communicated to Roger Mills, PSEG, 856-339-5451, roger.mills@pseg.com.

Please note that this meeting is for NUPIC Member Utilities Only and invited guests / speakers



### NUPIC

### NUCLEAR PROCUREMENT ISSUES COMMITTEE

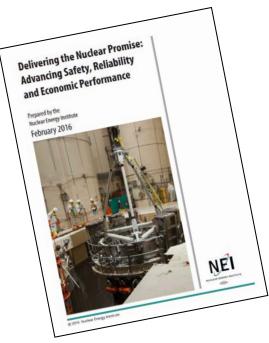
### DELIVERING THE NUCLEAR PROMISE

By: William Avery (First Energy)

The following is information obtained from the Nuclear Energy Institute (NEI). Please visit <u>www.NEI.org</u> – Issues and Policy for more information on this and other nuclear industry related topics.

Companies that operate America's nuclear energy facilities are partnering on a multiyear strategy to transform the industry and ensure its viability for consumers as well as its essential role in protecting the environment. This strategic plan, called Delivering the Nuclear Promise: Advancing Safety, Reliability and Economic Performance, will strengthen the industry's commitment to excellence in safety and reliability, assure future viability through efficiency improvements, and drive regulatory and market changes so that nuclear energy facilities are fully recognized for their value.

Efficiency bulletins address opportunities to increase efficiency at plant sites. Industry working groups for the Delivering the Nuclear Promise initiative have identified 37 improvement opportunities to pursue in 2016. Bulletins detailing each opportunity will be released throughout the year. Descriptions of efficiency bulletins are also available from the NEI website.



Read the <u>Delivering the Nuclear Promise</u> strategic plan for an assessment of the current industry situation, the purpose and organization of the initiative, and the program's objectives. Note the NEI web site also has a place for Suppliers in the Nuclear Promise to be involved.

### N E W S L E T T E R



### NUPIC

NUCLEAR PROCUREMENT ISSUES COMMITTEE

### NUPIC AUDIT / SURVEY FREQUENCY IS CHANGING!

By: John Simmons (Luminant Power)

Recently the NUPIC members approved a change to the NUPIC audit and survey frequency that allows NUPIC audits of NSSS and Fuel suppliers to be scheduled 36 months from the previous audit end date and NUPIC audits / surveys for all other suppliers to be scheduled on a nominal 36 month frequency typically 33 months from the previous audit / survey end date. The 36 month frequency is the regulatory requirement for performance for audits / surveys. Previously, the NSSS and Fuel suppliers were audited on 24 month frequency while all other suppliers were audited or surveyed on a 30 month frequency. Although the scheduling of non-NSSS / Fuel supplier audits / surveys has been extended from 30 to 33 months, the actual window for performing these audits/surveys has now been reduced in order to meet the regulatory requirement of 36 months. It is important that suppliers recognize this smaller window of time for performing these audits / surveys and work with NUPIC Audit Team Leader for ensuring that the audits / surveys are performed and issued as required by the NUPIC procedures and regulatory requirements.

This extension of the audit / survey frequency will result in fewer NUPIC audits / surveys being performed by the utilities each year. The quality of the audits / surveys will not be impacted by extending these intervals but will provide a cost savings for the utilities consistent with the vision of "Delivering the Nuclear Promise." Limited Scope Audits (LSA) will remain an option to be utilized should the NUPIC Audit Team identify weaknesses in the supplier's QA program controls and implementation that warrants further evaluation prior to the next full NUPIC audit.

The extension of the audit / survey frequency has been applied to 2017 NUPIC audits / surveys that do not have a confirmed date with the supplier for performance of the audit or survey. Full implementation of this audit / survey frequency extension will begin with the 2018 NUPIC Audit / Survey Schedule. The revised 2017 NUPIC Audit and Survey Schedules cans be accessed by going to the NUPIC website Home Page and clicking the link Download NUPIC Documents.

### 2017 NUPIC VENDOR CONFERENCE, JUNE 21 - 22, 2017

Mark your calendars now for the 26th Annual NUPIC Vendor Conference. This year's event will be held June 21-22, 2017 in New Orleans at the Hilton New Orleans Riverside. Our host, Entergy Operations, Inc. (ENT) is working with the NUPIC Vendor Interface Committee to assure that this will be a great conference. The 2017 Conference will include several cross-organizational presentations covering a wide variety of current industry topics. An enjoyable evening social event is also being planned. Meeting agenda, invites and online registration through the NUPIC website will be available starting in early March 2017. Don't miss this opportunity to network with your peers, and hear from your customers and industry regulators regarding the latest changes and expectations for the commercial nuclear energy business.

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Information about the hotel can be found at www3.Hilton.com.



# NUCLEAR PROCUREMENT ISSUES COMMITTEE

### 2017 Joint Audit Schedule January - June

Supp #	Supplier Name, Location	Aud #	Lead Utility	Cat	Scheduled	Audit End Date	Closed Date	Team Members	Peer Review	Last Update Date	Days Open
1097 (SR/PR/NP)	AAF INTERNATIONAL CORPOR-LOUISVILLE, KY	RATION 24334	NEE	NJ	05/2017	1		ENW, EXL, IBE, SNC	FEC		
	1096 (SR/EX) AAF INTERNA	TIONAL - COLUMBI	A, MO								
1031 (SR/PR/NP)	ABB , INC FLORENCE, SC	24335	FEC	NJ	05/2017			NEE, PGE, PSE, SOC	ENT		
2163 (SR/PR/NP)	ABSG CONSULTING INC IRV	INE, CA 24337	APS	NJ	05/2017			DPC, SNC, STP, TLN	SOC		
	,	LTING INC OAKLA LTING INC ROCK	•	)							
071 (SR/PR/NP)	AIR TECHNIQUES INTERNATIO OWINGS MILLS, MD	DNAL - 24472	DPC	NJ	02/2017			AEP, EXL, XEL	SNC		
2396 (SR/PR/NP)	ANSYS, INC CANONSBURG,	PA 24513	DPC	NMA	01/2017			NPP			
2468 (SR/PR/NP)	AREVA INC AREVA TN AMER DIV. (TRANSNUCLEAR) - COLU MD		FEC	NJ	05/2017			DPC, ENT, EXL, IBE, NEE, SCE, TLN	DOM		
	4855 (SR/EX) TRANSNUCLE	AR INC FREMON	T, CA								
6151 (SR/PR/NP)	BALDOR ELECTRIC COMPANY KINGS MOUNTAIN, NC	'- 24493	DPC	NJ	02/2017			OPG, STP	SNC		
6151 (SR/PR/NP)	BALDOR ELECTRIC COMPANY KINGS MOUNTAIN, NC	'- 24490	DPC	SMA	03/2017						
5263 (SR/PR/NP)	CCI AG - BALTERSWIL, CH	24352	DOM	NJ	06/2017			APS, AUE, SNN, WCN	AUE		
1349 (SR/PR)	CONTROL COMPONENTS. INC RANCHO SANTA MARGARITA,		APS	NJ	04/2017			BPL, DOM, FEC, NPP	EXL		
1355 (SR/PR)	CONVAL INC SOMERS, CT	24355	AEP	NJ	06/2017			BPL, ENT, EXL, FEC, XEL	APS		
5806 (SR/PR/NP)	CURTISS-WRIGHT NUCLEAR C - NEWMARKET, ON	CANADA 24457	XEL	NJ	03/2017			BPL, EXL, NBP, OPG	EXL		
1417 (SR/PR/NP)	DOMINION ENGINEERING, INC RESTON, VA	24360	DOM	NJ	06/2017			EXL, NBP, OPP	TVA		
5818 (SR/PR/NP)	DP ENGINEERING, LTD FOR WORTH, TX	T 24480	TLN	NJ	06/2017			ENT, LUM	WCN		

Supp #	Supplier Name, Location	Aud #	Lead Utility	Cat	Scheduled	Audit End Date	Date	Team Members	Peer Review	Last Update Date	Days Open
5280 (SR/PR)	DST COMPUTER SERVICES S. A GENEVA, CH	24361	NEE	NJ	04/2017			AUE, SOC	SNC		1
1446 (SR/PR/NP)	ELEMENT CHARLOTTE - CHARLOTTE NC	, 24503	DPC	SMA	03/2017						
1497 (SR/PR/NP)	ELLIS & WATTS GLOBAL INDUSTRIES LLC - BATAVIA, OH	24364	EXL	NJ	06/2017			DOM, NEK, SNC, TVA	FEC		
2428 (RA/PR/NP)	ENVIRONMENTAL, INC NORTHBROOK, IL	24367	NEE	NJ	04/2017			EXL, FEC, XEL	WCN		
1322 (SR/PR)	FAIRBANKS MORSE ENGINE - BELOIT, WI	24368	ENT	NJ	04/2017			DTE, ETN, EXL, NEE, WCN, XEL	FEC		
1650 (SR/PR)	GIRARD DEVELOPMENT INC RANCHO CORDOVA, CA	24373	DOM	NJ	03/2017			ENW, NEE	FEC		
1723 (SR/PR/NP)	HILTI INC TULSA, OK	24375	TLN	NJ	04/2017			CFE, DTE, PGE, SOC, WCN, XEL	APS		
	6107 (SR/EX) HILTI, INC - SOUTH E 6017 (SR/EX) HILTI, INC MATAMO										
9993 (SR/PR/NP)			LUM	NJ	04/2017						
5584 (SR/PR/NP)	HILTI, INC SCHAAN, LI	24377	DOM	NJ	03/2017			AUE, DPC, DPC, ETN, NEK, OPP, VAT	TVA		
	5583 (SR/EX) HILTI, INC KAUFER	ING, GY									
	6010 (SR/EX) HILTI, INC VADUZ,	LI									
	6019 (SR/EX) HILTI, INC KECSKE	MET, HU									
6076 (SR/PR/NP)	HOWDEN NORTH AMERICA, INC - DEPEW, NY	24378	DTE	NJ	03/2017			DPC, EXL, SNC, TLN, TVA	ENW		
	5206 (SR/EX) HOWDEN NORTH AMERICA, INC COLUMBIA, SC										
	6152 (SR/EX) HOWDEN NORTH AM	IERICA INC.	- MEDINA	, OH							
4912 (SR/PR/NP)	IHI SOUTHWEST TECHNOLOGIES INC - SAN ANTONIO, TX	24379	SNC	NJ	05/2017			APS, EXL, SOC, STP, TVA	DPC		
5362 (SR/PR/NP)	INDUSTRIAL TESTING LABORATORY SERVICES, LLC - PITTSBURGH, PA	24380	LUM	NJ	03/2017			AEP, DOM	TLN		
	6093 (SR/EX) ITLS OUTAGE SERVICES GROUP (OSG) - WILMINGTON, NC										

Supp#	Category = Audits - Audits ONLY,Member ( Supplier Name, Location	Aud #	Lead	Cat	Scheduled		•	Team Members	Peer	Last	Days	
Supp #	Supplier Name, Location	Auu #	Utility	Cal	Scrieduled	Date	Date	ream wembers	Review	Update Date	Open	
1685 (SR/PR/NP)	KONECRANES NUCLEAR EQUIPMENT & SERVICES - NEW BERLIN, WI	24384	DPC	NJ	06/2017			APS, DOM, WCN, WCN	EXL			
1929 (SR/PR)	MASTER-LEE ENERGY SERVICES CORPORATION - LATROBE, PA	24387	EXL	NJ	05/2017			PSE, SOC	DPC			
1163 (SR/PR/NP)	MEGGER - DALLAS, TX	24388	XEL	NJ	05/2017			ENT, NEE, NPP	DOM			
2018 (SR/PR)	NCS CORPORATION (NUCLEAR CONT. SYS) - COLUMBUS, OH	24391	ENW	NJ	03/2017			AEP, DOM, STP	SOC			
1275 (SR/PR/NP)	POWER ANALYTICS CORPORATION - SAN DIEGO, CA	24398	STP	NJ	06/2017			ENT, ENW, FEC	PGE			
2255 (SR/PR/NP)	RSCC WIRE & CABLE LLC - EAST GRANBY, CT	24405	ENW	NJ	05/2017			ENT, ETN, LUM, PGE	NEE			
2056 (SR/PR)	SCIENTECH, EP - DANBURY, CT	24407	STP	NJ	06/2017			AUE, ENT, KNP, OPP, SNC, VAT	EXL			
1376 (SR/PR/NP)	SWAGELOK COMPANY - SOLON, OH	24412	SOC	NJ	06/2017			APS, BPL, ENT, SNN, STP, TVA	TLN			
	5844 (SR/EX) SWAGELOK IMPACTION (FORGING) - SOLON, OH											
	5720 (SR/EX) SWAGELOK - FALON 1 AND 2 - HIGHLAND HEIGHTS, OH											
	5721 (SR/EX) SWAGELOK - SNOW	METAL - SOL	ON, OH									
	5722 (SR/EX) SWAGELOK - HARDW	ARE PRODU	JCTION F	FACILIT	Y (HPF) - SOLO	ON, OH						
	5723 (SR/EX) SWAGELOK - CORPC	RATE RAW I	MATERIA	AL WAR	EHOUSE - SOI	LON, OH						
	5724 (SR/EX) SWAGELOK - ORDER			ER (OF	C) - SOLON, C	θH						
	6146 (SR/EX) SWAGELOK - ALFREI											
	6147 (SR/EX) SWAGELOK - HOSE S		•									
	6148 (SR/EX) SWAGELOK - STRON			- STRC	INGSVILLE, OF	1						
	6149 (SR/EX) SWAGELOK - KENMC	RE 2 - OH, O	ιΗ									
1705 (SR/PR)	TECHNETICS GROUP COLUMBIA (FORMERLY GARLOCK HELICOF - COLUMBIA, SC	24415	AEP	NJ	05/2017			ENW, PGE, STP, TVA	EXL			
1602 (SR/PR/NP)	THERMO FISHER SCIENTIFIC - SAN DIEGO, CA	24417	EXL	NJ	03/2017			DPC, KNP, LUM, TVA	ENT			
2454 (SR/PR/NP)	TIOGA PIPE COMPANY - EASTON, PA	24418	TLN	NJ	03/2017			BPL, DPC, OPG, STP	ENT			

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Supp #	Supplier Name, Location	Aud #	Lead Utility	Cat	Scheduled	Audit End Date	Closed Date	Team Members	Peer Review	Last Update Date	Days Open
	5811 (SR/EX) TIOGA PIPE COMPAN	Y - PHILADEI	_PHIA, P	A							
	5812 (SR/EX) TIOGA PIPE COMPAN	Y - CHATTAN	IOOGA,	ΓN							
5467 (SR/PR/NP)	TRANSWARE ENTERPRISES, INC - SYCAMORE, IL	24419	EXL	NJ	06/2017			PSE, TLN	DTE		
5258 (SR/PR/NP)	TYCO ELECTRONICS - FAIRVIEW, NC	24420	DOM	NJ	04/2017			AEP, DTE, IBE	NEE		
5278 (SR/PR)	TYCO ELECTRONICS - RAYCHEM - OTTOBRUNN, GY	24421	DPC	NJ	06/2017			AUE, TVA, VAT	STP		
2376 (SR/PR/NP)	WECTEC GLOBAL PROJECT SERVICES INC CANTON, MA	24426	TLN	NJ	04/2017			DOM, DPC, EXL, FEC, LUM, SNC, SOC	ENT		
	5725 (SR/EX) WECTEC GLOBAL PR	OJECT SERV	ICES IN	C CH	ARLOTTE, NC						
2244 (SR/PR/NP)	WESTINGHOUSE FUEL HANDLING EQUIPMENT AND CRANE MAN - SHOREVIEW, MN	24433	XEL	NJ	04/2017			APS, ENT, ETN, EXL, KNP, LUM, NEE, SNC	ENT		
	1474 (SR/EX) PAR NUCLEAR, INC	LYNNWOOD	, WA								



# NUCLEAR PROCUREMENT ISSUES COMMITTEE

# 2017 Limited Scope Audit Schedule January - June

Supp#	Supplier Name, Location	Aud #	Lead Utility	Cat	Scheduled	Audit End Date	Closed Date	Team Members	Peer Review	Last Update Date	Days Open
4804 (SR/PR/NP)	KCI ENGINEERING CONSULTANTS - DOWNERS GROVE, IL	24473	EXL	LA	04/2017	,		AEP, PSE			
2592 (SR/PR/NP)	THERMO PROCESS INSTRUMENTS L. P FRANKLIN, MA	24474	ENT	LA	02/2017			DPC, EXL, NEE			
	6123 (SR/EX) THERMO PROCESS IN	NSTRUMEN <sup>®</sup>	TS L.P S	SUGAR	LAND, TX						