

N U P I C

NUCLEAR PROCUREMENT ISSUES COMMITTEE

Issue: May 2015

Chair Message

By: Stan Mitchell, Exelon

“NUPIC Representatives may run for any position on the Steering Committee”

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Chair Message

In February, NUPIC conducted its annual auditor conference at the Jupiter Beach Resort in North Palm Beach, FL. The conference was well attended. The main focus of the conference was to provide training on the new EPRI Guidance for Acceptance of Commercial Grade Items for use in Nuclear Safety Related Applications. Other topics covered during the two day conference included a panel discussion on management of a NUPIC audit as well as an update from the NRC.

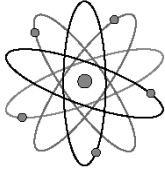
During the general meeting, the membership considered the limited use of contractors to lead NUPIC audits. After careful consideration of the proposal, the membership did not approve the charter change that would have permitted contractors to lead NUPIC audits.

A number of items pertaining to the checklist will be discussed at the June membership meeting. The simplified checklist that the Process Management Committee has been working on will be presented for a vote at the June meeting. A new checklist to cover the requirements of Regulatory Guide 4.15 will be presented for a vote by the membership.

A new steering committee will be elected during the October meeting. This year, due to term limitations the following positions will be open: Chair, Treasurer, Secretary, Region 2 Representative, and International Representative. As always, NUPIC Representatives may run for any position on the Steering Committee. We will be soliciting candidates for positions during the June meeting so if you are interested for running for a steering committee position contact any of the current members of the steering committee.

The June NUPIC and Vendor meetings will be held during the week of June 15, 2015. The vendor meeting will be held on June 17 and 18 at the Green Valley Resort in Henderson, NV.

Thanks again for your support and I will see everyone in Henderson.



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NUCLEAR PROCUREMENT ISSUES COMMITTEE

2015 NUPIC VENDOR CONFERENCE

By: Earl Mayhorn, Ameren UE

By now you should have received an invitation to the 2015 NUPIC Vendor Meeting. Our 24th Annual Meeting will be held in Henderson, NV (approximately 9 miles from Las Vegas) on Wednesday June 17 and Thursday June 18, 2015 at the elegant Green Valley Ranch Resort & Spa. This year our host NUPIC Member is Pacific Gas & Electric (PG&E).



Presentations being planned include presentations from the Nuclear Regulatory Commission, Electric Power Research Institute (EPRI), NUPIC, and other nuclear industry representatives. For those that attended prior meetings including the 2014 meeting in Portland, Oregon, you already know the annual NUPIC Vendor Meeting is our premier outreach which brings together utility personnel, suppliers, potential suppliers, NRC, EPRI, and other stakeholders in the nuclear supply chain. As for those who have not attended in the past, we invite you to come and experience the information sharing, dialogue, and networking first hand.

In September 2014, EPRI issued 3002002982, “Plant Engineering Guideline for the Acceptance of Commercial Grade Items in Nuclear Safety Related Applications: Revision 1 to EPRI NP-5652 and TR-102260”. EPRI 3002002982 supersedes both EPRI 5652 and TR-102260 in their entirety. The new guidance will be addressed with presentations from the NUPIC, NRC and EPRI perspectives. Other relevant topics such as cyber security as it relates to the nuclear industry will also be addressed. Register and make your hotel reservations early since this year’s meeting has attracted a lot of attention from previous attendees and newcomers alike. Additional meeting details including hotel and registration information can be obtained by visiting www.nupic.com and accessing the Supplier Information tab.



The 24th Annual Vendor Meeting is hosted by:



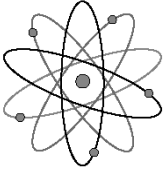
A Dynamic World Leader in the Nuclear Industry

Questions should be addressed to:

John Larson at jslarso@nppd.com or 402-825-5822

Earl Mayhorn at emayhorn@ameren.com or 314-605-9701

Del Senner at drsenner@energy-northwest.com or 509-377-4364



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NUCLEAR PROCUREMENT ISSUES COMMITTEE

**You are cordially
Invited to attend the
*24th Annual
NUPIC Vendor
Meeting***

Wednesday, June 17, 2015

& Thursday June 18, 2015

Green Valley Ranch Resort

Henderson, NV

*The Annual NUPIC Vendor Dinner will be held on
Wednesday June 17, 2015*

IMPORTANT:

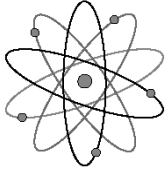
Hotel Registration Deadline: May 21, 2015

Meeting Registration – NOTE: Two separate registrations are required: 1) Hotel Reservations & 2) NUPIC Vendor Meeting

1) *Hotel Reservation Link:* <https://aws.passkey.com/event/11130428/owner/32023/home>

2) *Meeting Registration Link:* www.nupic.com under Supplier Information tab

*Additional Meeting Information including an agenda overview can be found at
www.nupic.com under Future NUPIC Meetings tab*



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NUCLEAR PROCUREMENT ISSUES COMMITTEE

EPRI NUPIC LEAD AUDITOR COURSE

By: Al Fonner, American Electric Power

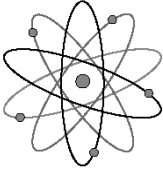
Don't forget, the EPRI NUPIC Lead Auditor Course will be held July 21 – 23, 2015 at the EPRI offices in Charlotte, NC. The cost is \$550.00 per person (subject to change). We presently have four seats taken but can accommodate more. Please contact Al Fonner, NUPIC Training Committee Chairperson, if you or someone from your utility intends on going. My email is aefonner@aep.com.

Please note this training is only available to NUPIC Member utility personnel.



NUPIC Audit Team Leader Training Course Outline

Module	Module Content and Key Points	Approximate Duration
Day 1		
0	Course Overview and Introduction <ul style="list-style-type: none"> • Present Terminal Objectives for the Training • Review Course Modules and Content 	½ hour
1	Introduction to NUPIC	1½ hours
2	NUPIC Documents, Procedures and Forms	2 hours
3	Managing a NUPIC Audit: <ul style="list-style-type: none"> • Scheduling • Audit Team Leadership • Planning 	4 Hours
Day 2		
3	Managing a NUPIC Audit: <ul style="list-style-type: none"> • Performance-Based Approach • Limited Scope Audits • Mega Audits 	6 hours
4	Conduct of a NUPIC Audit <ul style="list-style-type: none"> • Code of Ethics • Confidentiality 	2 Hours
Day 3		
4	Conduct of a NUPIC Audit <ul style="list-style-type: none"> • Safety Conscious Work Environment • Documenting Audit Results • Issuing the Audit Report and Findings • Managing the Audit 	7 hours



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WHY DO WE NEED A TECHNICAL SPECIALIST?

By John Larson (Nebraska Public Power)

The last audit I was on, another auditor asked me “Why do we need to have a Technical Specialist?” I told him that the requirement to have a Technical Specialist on NUPIC Audit and Survey Teams was a specific commitment that was made by Utility Executive Officers in the 1990 Industry Document “Comprehensive Procurement Initiative” (CPI). The CPI was the basis for the foundation of NUPIC, and outlined the component parts of the NUPIC Audit and Survey Process. These commitments were in direct response to the NRC’s Procurement Assessment results documented in IN 89-02 and later refined in IN 91-05.

By the late 1980s, audits of vendors by licensees had become programmatic to the point where little direct observation of work activities was being performed. Also, many of the audit teams were staffed by contractors provided by auditing service suppliers. These audit teams lacked personnel with the ability to evaluate technical concerns and as a result vendor performance problems were not always being addressed. Together with the concerns of the supply chain being infiltrated with substandard parts from cancelled units, the stage was set for problems. When some examples were discovered of “desk audits” and audits being performed in motel rooms began to surface, our credibility as vendor auditors had probably hit bottom.

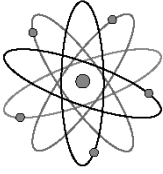
The Comprehensive Procurement Initiative of 1990 made a commitment to increase staffing of audit and survey teams with technically qualified personnel, including “Technical Specialists”. Audits and surveys were directed to be “Performance-Based”, and a method of sharing audit information and performing joint utility audits (NUPIC) be developed. The CPI remains in effect today. If you’d like a copy, Google it, or give me a call.

GOOD NEWS TO REPORT - NRC ENDORSES NEI 14-05A

By Earl Mayhorn (AmerenUE)

On February 9, 2015, the Nuclear Regulatory Commission issued their Final Safety Evaluation Report (SER) for Technical Report NEI 14-05, “GUIDELINES FOR THE USE OF ACCREDITATION IN LIEU OF COMMERCIALGRADE SURVEYS FOR PROCUREMENT OF LABORATORY CALIBRATION AND TEST SERVICES,” REVISION 1. The SER formally endorsed NEI 14-05 as an acceptable approach for licensees and suppliers subject to the quality assurance requirements of 10CFR50, Appendix B to use laboratory accreditation as a basis for approving calibration and testing laboratories as part of the commercial grade dedication process. Under the guidance of NEI 14-05, calibration and test laboratories can be utilized based on their accreditation without the need to perform a commercial grade survey provided the Accreditation Body (AB) is a signatory to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA). This includes accreditation by national and international AB’s. Currently there are 89 AB’s worldwide which are signatories to the ILAC MRA. The NRC’s endorsement of NEI 14-05, Revision 1, expands the NRC’s acceptance of the ILAC accreditation process first documented in a SE that resulted from an Arizona Public Service request (Agency wide Documents Access and Management System (ADAMS) Accession No. ML052710224). NRC’s earlier acceptance was limited to laboratory calibration services accredited by specific U.S. AB’s only. This is a monumental endorsement which will no doubt have a significant impact on licensees and suppliers of basic components.

In accordance with NRC guidance, the NRC accepted version of NEI 14-05, Revision 1 was issued by NEI on March 4, 2015 as NEI 14-05A, Revision 0 (with the suffix ‘A’ indicating NRC acceptance). Therefore, NEI 14-05A is the correct designation for this NEI guidance document.



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GOOD NEWS TO REPORT - NRC ENDORSES NEI 14-05A (Cont.)

Implementing the SER and NEI 14-05A

In order for all licensees to use the SER, the NRC must first approve a license amendment for one licensee in accordance with 10 CFR 50.54 (a) (4). Upon this approval, the NRC will issue a SER* (identified here as SER* to distinguish it from the SER for NEI 14-05) and other licensees can make changes to their licensing basis, pursuant to 10 CFR 50.59, using SER* and NEI 14-05A based on NRC's approval for the earlier licensee in accordance with 10 CFR 50.54(a)(3)(iii). Ameren has taken the lead on preparing a license amendment for submittal to the NRC. It is estimated this submittal will be processed within the next 30 days.

While licensees must await the NRC's approval of a licensee's license amendment, suppliers can immediately start using the process after making changes to their quality program to address the requirements and conditions specified in the SER and NEI 14-05A.

Prior to implementing the SER, it is important to note that use of the SER must be in conjunction with a commercial grade dedication program. This means the laboratory service must be procured commercially and dedicated for safety related use. Therefore, the requirements for commercial grade dedication must be met including a documenting a technical evaluation and identifying the critical characteristics of the service. NEI 14-05A provides the industry recognized critical characteristics for both calibration and testing services. By endorsing the NEI guidance document, the NRC has endorsed these critical characteristics. Therefore, it is not necessary to reinvent the wheel; but it is mandatory that the critical characteristics identified in NEI 14-05A for calibration and testing services are documented in the user's technical evaluations.

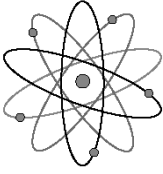
In lieu of utilizing a commercial grade survey (as specified in EPRI commercial grade dedication guidance) to document the acceptability of the laboratory's control of the critical characteristics, the laboratory's accreditation to ISO/IEC 17025 can be used, provided the conditions of the SER and NEI 14-05A are met as follows:

A) The method of using accreditation by an ILAC MRA signatory in lieu of performing a commercial-grade survey (alternative method) shall be documented in the licensee's and supplier's quality assurance (QA) program. For suppliers, this methodology could be documented in the quality assurance manual and/or applicable procedures. NEI 14-05A, Appendix A provides acceptable wording which can be inserted in a supplier's manual and/or procedures as appropriate.

B) The documented methodology shall consist of

1) A documented review of the laboratory's accreditation which includes a verification of the following:

- a. The calibration or test laboratory holds accreditation by an accrediting body which is a signatory to the ILAC MRA. The accreditation is to ISO/IEC 17025:2005, "General Requirements for the Competence of Testing and Calibration Laboratories." There are currently 89 Accreditation Bodies (AB's) worldwide which are signatories to the ILAC MRA.
- b. For procurement of calibration services, the published scope of accreditation for the calibration laboratory shall cover the needed measurement parameters, ranges, and uncertainties.
- c. For procurement of testing services, the published scope of accreditation for the test laboratory shall cover the needed testing services including test methodology and tolerances/uncertainty.



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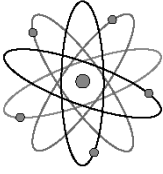
GOOD NEWS TO REPORT - NRC ENDORSES NEI 14-05A (Cont.)

- 2) The procurement documents shall require that:
 - a. The services are provided in accordance with the laboratory's accredited ISO/IEC 17025:2005 program and scope of accreditation.
 - b. As-found calibration data must be reported in the certificate of calibration when calibrated items are found to be out-of-tolerance (for calibration services only).
 - c. The equipment/standards used to perform the calibration must be identified in the certificate of calibration (for calibration services only).
 - d. The customer must be notified of any condition that adversely impacts the laboratory's ability to maintain the scope of accreditation.
 - e. Any additional technical and quality requirements, as necessary, based upon a review of the procured scope of services, which may include, but are not necessarily limited to, tolerances, accuracies, ranges, and industry standards.
- 3) It is validated, at receipt inspection, that the laboratory's documentation certifies that:
 - a. The contracted calibration or test service has been performed in accordance with the laboratory's ISO/IEC-17025:2005 program and within the laboratory's scope of accreditation; and
 - b. The purchase order's requirements are met.

A copy of the NRC SER can be found on the NRC's website at the following link: <http://www.nrc.gov/reactors/new-reactors/oversight/quality-assurance/qual-assure-safety.html>. A copy of NEI 14-05A (including the SER, NRC's Request for Additional Information (RAI's), and NEI's responses) can also be found on the NUPIC website at <http://www.nupic.com> under the Supplier Information/ Hot Topics Tab. Additionally, a listing of Accreditation Bodies which are signatories to the ILAC MRA can be found at <http://www.nupic.com> under the Supplier Information Hot Topics Tab. During the upcoming NUPIC Vendor Meeting in Henderson, NV (June 17-18, 2015) special sessions will be devoted to discussions of this monumental subject including information on understanding and implementing the SE and NEI 14-05A.

NEI 14-05A was prepared by the NEI ILAC Task Force with significant input from NUPIC. The request for NRC endorsement of NEI 14-05, Revision 0 started with an official letter from the NEI on April 29, 2014. NEI 14-05 was reviewed by the NRC which resulted in eight (8) RAI's that were issued in July 2014. The NEI Task Force responded to the RAI's in August 2014. Finally, the NRC issued the SER on NEI 14-05 on February 9, 2015, and NEI issued the approved version, including NRC's SE and responses to NRC RAI's as NEI 14-05A, Revision 0. This represents NRC's review and comments, industry's response, and NRC's official endorsement in less than 10 months. The timeliness of this endorsement is the result of special coordination and dedication by key individuals within the NRC. Speaking on behalf of the industry, we are appreciative of this fast review and NRC's ultimate endorsement. It should be noted that the process does not end here. NEI 14-05A identified the conditions that must be met by the industry through NEI including continued oversight of the ILAC process in order to maintain the NRC's endorsement of NEI 14-05A. Therefore, the NEI Task Force will remain intact.

Special thanks are due to Marc Nichol, NEI who served as the Task Force Leader and Task Force Members including representatives from the NUPIC ILAC Committee, Ameren, Constellation, UniStar, Westinghouse, AREVA, GE Hitachi, Babcock, NuScale Power, and NAC International for their roles in achieving this endorsement.



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NUCLEAR PROCUREMENT ISSUES COMMITTEE

CGI DEDICATION OF TESTING SERVICE - POST ENDORSEMENT OF NEI 14-05 REV. 1

By: Sham Beri (Portland General Electric)

Since “Testing” is one of the methods of dedication, procurement of commercial grade “Testing service” from an ISO-17025 accredited laboratory should be done with caution. The CGI testing service itself would need to be dedicated before it is utilized for dedicating the item. In other words, in this scenario it would be two separate dedications:

- 1) Dedication of the Testing Service and
- 2) Dedication of the part, material, etc.

The nuclear power industry as a whole took a collective sigh of relief when they finally received the endorsement of Nuclear Energy Institute’s Technical Report NEI 14-05, “Guidelines for the Use of Accreditation in Lieu of Commercial Grade Surveys for Procurement of Laboratory Calibration and Test Services” by the Nuclear Regulatory Commission (NRC) via their Final Safety Evaluation letter dated Feb. 9, 2015.

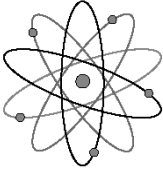
This endorsement expands the NRC’s acceptance of the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) accreditation process first documented in a safety evaluation (SE) on an Arizona Public Service (APS) request in 2005. For the last ten years or so, the NRC’s earlier acceptance was limited to laboratory Calibration services accredited by specific six (6) US-based Accreditation Bodies (ABs).

Now the NRC has not only found the ILAC accreditation process acceptable for Calibration but also for Testing and it will be available to suppliers all over the world as long as users utilize laboratories that are accredited by AB’s who are signatories to the ILAC MRA.

While this is a major milestone in our industry, it might be prudent to understand what does this “relief” really mean to the industry:

- Safety-related Calibration and Testing services can continue to be procured from laboratories that have a 10 CFR 50 App. B/NQA-1/10 CFR part 21 compliant quality program and have been audited and placed on the purchaser’s Approved Suppliers List (ASL)
- Calibration and Testing services can now be procured from an ISO/IEC 17025 accredited laboratory as long as it’s accredited by an AB that is signatory to the ILAC MRA. However, these services are considered Commercial Grade and have to be “dedicated” before they can be classified as safety-related.
- Essentially this endorsement permits utilization of the ISO-17025 accreditation in lieu of performing commercial-grade surveys as part of the CGI Dedication process for procurement of Calibration and Testing services.

(Continued on Page 9)



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NUCLEAR PROCUREMENT ISSUES COMMITTEE

CGI DEDICATION OF TESTING SERVICE - POST ENDORSEMENT OF NEI 14-05 REV. 1 (Cont.)

So in one sense this endorsement is a simply an extension of the process that the industry has been using for procuring commercial grade Calibration to include Testing for eventual dedication.

However, in my opinion, there are a few important issues that need to be considered as follows:

- In a typical supplier’s environment Calibration as a service is purchased and the calibrated instruments are used in test/inspection. Testing service is performed in house or purchased to validate the design, product or process.
- However, Testing is also integral to CGI Dedication as Method-1. Until the endorsement of NEI 14-05 Rev. 1 by the NRC, a dedicating-entity had the choice of either Testing (as Method 1) under its own App. B/ NQA-1 quality program or use a Testing Lab with an equivalent safety-related quality assurance program on their ASL.
- The endorsement of NEI 14-05 Rev. 1 means that when testing is performed by a commercial lab with ISO-17025 accredited quality program and used as Method -1, then the overall dedication becomes a two-step process i.e. first dedicate the Testing and then use that for dedication of the item!

Let’s take an example of CGI dedication of a simple metallic shaft. Typically, the critical characteristics (CCs) would be “material (chemical and physical) and dimensions.” Assuming that the material testing is to be performed by an ISO-17025 accredited laboratory, we will send them a coupon for providing a Material Test Report (MTR) based on their commercial program. This MTR as a service would be “dedicated” before the service would be deemed safety-related. Subsequently, this “dedicated MTR” would be used in the dedication of the shaft i.e., addressing material as the CC.

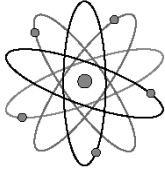
Dedication of Testing services would require all the usual steps such as Safety Classification, Credible Failure Modes, Critical Characteristics, and Acceptance Criteria along with the evidence of successful dedication.

While I am hesitant to call this “dedication-of-dedication activity,” the reason for my highlighting is that in this scenario the dedicating-entities would have to be very careful in assuring that two separate dedications are completed (one for the testing services and one of the item being dedicated) and sufficient documentation is placed in the Dedication Package for both “dedication of Testing” followed by the rest of dedication.

LEADING NUPIC AUDIT TEAMS

By John Larson (Nebraska Public Power)

After much debate and discussion, the NUPIC organization at the February Meeting voted overwhelmingly to confirm the organization’s commitment to use only utility personnel to lead NUPIC Audit Teams. Ownership and accountability for the effectiveness of the audit program were the criteria often mentioned as members reviewed the reasons for supporting this program cornerstone. While contractors may serve as audit team members, and even as technical specialists, the role of Audit Team Leader will remain reserved for direct utility personnel. This is the same approach followed by the NRC in restricting contractors from leading NRC Inspection Teams.



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NUCLEAR PROCUREMENT ISSUES COMMITTEE

CYBER SECURITY - COMING ATTRACTIONS

By Mark Coren (Duke Energy)

You see it every night on the news, read about it in the newspaper and even hear about it from your favorite celebrity tabloids. Someone, or some foreign government, has hacked into another Email account, posted some scandalous photos on the Internet, or targeted your favorite store or restaurant for their credit card information. As you would expect the nuclear power plants and your local electric utility are not immune to this threat. The Nuclear Industry is taking steps to enhance security in order to with-stand the constant barrage of cyber threats.

As our nuclear plants under-go modifications and upgrades to improve safety, efficiency, and reliability these enhancements introduce digital control systems that help to improve the protection, control and monitoring of plant operations. These digital systems are part of the overall advancement in computer-based network capabilities within nuclear power plants.

In an effort to protect these modernized systems, nuclear utilities are modifying their policies to incorporate cyber security requirements.

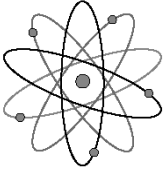
One area in particular that utilities are beginning to concentrate their Cyber-Security efforts is the Supply Chain. All items, materials, parts, and components required to operate a nuclear power plant start in the supply chain. Most nuclear utilities have already started to modify their policies, purchase orders, specifications, and contracts to incorporate Cyber-Security requirements. Supply Chain protections are being incorporated through trusted distribution paths, validation of supplier capabilities, even starting to require tamper-proofing products for shipment. In the very near future utilities will begin verifying through audits and on-site evaluations that quality and validation methods are being applied to minimize flawed or malformed software. Furthermore, utilities are starting to require Cyber-Security integration into product design while requesting the supplier perform additional software testing to demonstrate that products are free from testable vulnerabilities and known malicious source code.

In addition to the requirements being placed on our suppliers the utilities (licensee's) will be required to perform additional Verification and Validation testing of software to verify the procurement requirements are being met. Some additional expected changes in procurement requirements include a dedicated software development environment, configuration of management development tools, and stronger configuration management of the software and digital products.



The utilities are working closely with the Nuclear Regulatory Commission (NRC), Nuclear Energy Institute (NEI), and the Electric Power Research Institute (EPRI) to work through these Cyber-Security requirements and establish methods for implementation and verification.

During the June 2015 NUPIC Vendor Conference there will be presentations on Cyber-Security and how the impact to the nuclear utilities will impact the supply chain and the supplier base. I look forward to seeing you this summer in Henderson, NV.



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NUCLEAR PROCUREMENT ISSUES COMMITTEE

2015 Joint Audit Schedule July - December

Audit/Survey Information - Summary

Search Criteria: Category = Audits - Audits ONLY, Member Criteria = Leads Only, Audit/Survey Status = Scheduled, NOT Performed, Start Date = 07/01/2015, End Date = 12/31/2015, Report Type =

Supp #	Supplier Name, Location	Aud #	Lead Utility	Cat	Scheduled	Audit End Date	Closed Date	Team Members	Peer Review	Last Update Date	Days Open
1062 (SR/PR)	AEROFIN DIVISION OF AIR & LIQUID SYSTEMS CORPORATI - LYNCHBURG, VA	23895	DTE	NJ	09/2015			BPL, DOM, EXL, TVA	APS		
1091 (SR/PR/NP)	ALTRAN SOLUTIONS CORPORATION - BOSTON, MA 4840 (SR/EX) ALTRAN SOLUTIONS CORP - SAN FRANCISCO, CA 5015 (SR/EX) ALTRAN SOLUTIONS CORP - LIBERTYVILLE, IL	23896	EXL	NJ	11/2015			PGE, PPL, SNC, STP	AEP		
5998 (SR/PR/NP)	AMEC US NS - TUCKER, GA	23897	DPC	NJ	11/2015			EXL, NEE, XEL	TVA		
1666 (SR/PR/NP)	ANVIL EPS (ENGINEERED PIPE SUPPORTS) - NORTH KINGSTOWN, RI	23902	ENT	NJ	12/2015			LUM, OPP, PGE, PSE, WCN	AUE		
2657 (SR/PR/NP)	APPLIED TECHNICAL SERVICES, INC. - MARIETTA, GA 5989 (SR/EX) APPLIED TECHNICAL SERVICES, INC - GREENVILLE, SC 5990 (SR/EX) APPLIED TECHNICAL SERVICES, INC - AUGUSTA, GA 5991 (SR/EX) APPLIED TECHNICAL SERVICES, INC - MOBILE, AL 5992 (SR/EX) APPLIED TECHNICAL SERVICES, INC - ROCKVILLE, VA 5993 (SR/EX) APPLIED TECHNICAL SERVICES, INC - JACKSONVILLE, FL 5994 (SR/EX) APPLIED TECHNICAL SERVICES, INC - OOLTEWAH, TN 5996 (SR/EX) APPLIED TECHNICAL SERVICES, INC - BESSEMER, AL 5997 (SR/EX) APPLIED TECHNICAL SERVICES, INC - BARTLETT, TN	23903	DOM	NJ	08/2015			IBE, NEE	SOC		
4993 (SR/PR/NP)	ARCHON ENGINEERING, PC - COLUMBIA, MO	24048	TVA	NJ	11/2015			AUE, DPC	AEP		
2554 (SR/PR/NP)	AZZ WSI, LLC - NORCROSS, GA	23906	ENW	NJ	09/2015			FEC, LUM, SNC, STP	APS		
5785 (SR/PR/NP)	BABCOCK & WILCOX NUCLEAR ENERGY, INC. - FOREST, VA	24046	EXL	NJ	12/2015			DOM, DPC	AEP		
4791 (SR/PR/NP)	BALDOR ELECTRIC CANADA, INC. - STRATFORD, CD	23907	DPC	NJ	12/2015			OPG, SNC, STP, TVA	LUM		
1926 (SR/PR/NP)	BASF CORPORATION - CLEVELAND, OH 5009 (SR/EX) BASF CORPORATION - SHAKOPEE, MN 1928 (SR/EX) BASF CORPORATION - STREETSBORO, OH	23909	TVA	NJ	10/2015			NEE, POR, STP	EXL		

Audit/Survey Information - Summary

Search Criteria: Category = Audits - Audits ONLY, Member Criteria = Leads Only, Audit/Survey Status = Scheduled, NOT Performed, Start Date = 07/01/2015, End Date = 12/31/2015, Report Type =

Supp #	Supplier Name, Location	Aud #	Lead Utility	Cat	Scheduled	Audit End Date	Closed Date	Team Members	Peer Review	Last Update Date	Days Open
1200 (SR/PR/NP)	BECHTEL POWER CORPORATION - FREDERICK, MD 4168 (SR/EX) BECHTEL POWER CORPORATION (SOFTWARE) - RESTON, VA	23910	DPC	NJ	10/2015			DPC, ENT, LUM, SCE, SNC, XEL	EXL		
1042 (SR/PR/NP)	CBS NUCLEAR SERVICES INC. - MATTHEWS, NC	23915	DOM	NJ	10/2015			BPL, DPC, EXL	DTE		
6125 (SR/PR/NP)	CFM/VR TESCO - ,	24125	EXL	SMA	08/2015						
4484 (SR/PR/NP)	CONTINENTAL FIELD SYSTEMS, INC. - SAVANNAH, GA	23918	TVA	NJ	11/2015			NEE, PPL, STP	DPC		
1997 (SR/PR/NP)	CRISPIN MULTIPLEX MANUFACTURING COMPANY - BERWICK, PA	24050	SNC	NJ	09/2015			ENT, TVA	DPC		
1385 (SR/PR/NP)	CYGNA ENERGY SERVICES - WALNUT CREEK, CA	23922	FEC	NJ	09/2015			ENT, NEE	DOM		
1408 (SR/PR/NP)	DIETERICH STANDARD, INC. - BOULDER, CO	23923	OPP	NJ	10/2015			DPC, ENT, TVA	EXL		
1924 (SR/PR/NP)	DRESSER, INC., MASONEILAN (GE OIL & GAS) - AVON, MA 5826 (SR/EX) DRESSER INC. - MASONEILAN OPERATIONS - BURLINGTON,	24079	APS	NJ	10/2015			AUE, DPC, OPP, WCN	DOM		
1437 (SR/PR/NP)	DRILLCO NATIONAL GROUP, INC. - LONG ISLAND CITY, NY	23925	FEC	NJ	11/2015			DPC, EXL, IBE	ENT		
1457 (SR/PR)	DRS- CONSOLIDATED CONTROLS, INC. - DANBURY, CT	23926	ENT	NJ	09/2015			AUE, DOM, PSE, TPC	NEE		
1503 (SR/PR)	ENERGY STEEL & SUPPLY COMPANY - LAPEER, MI	23930	DTE	NJ	10/2015			LUM, NEK, NPP, SNC	TVA		
2713 (SR/PR/NP)	EPRI - PALO ALTO, CA 1518 (SR/EX) EPRI - CHARLOTTE, NC	23933	FEC	NJ	11/2015			ETN, EXL, LUM, PPL	AUE		
1533 (SR/PR/NP)	EXPANSION SEALS TECHNOLOGIES (EST GROUP) - HATFIELD, PA	23935	EXL	NJ	08/2015			AEP, DOM, OPG, PSE	ENT		
5157 (SR/PR/NP)	FARRIS ENGINEERING - BRANTFORD, CD	23936	EXL	NJ	11/2015			BPL, DOM, ENT, OPG, XEL	FEC		

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1560 (SR/PR/NP)	FISHER CONTROLS INTERNATIONAL, INC. - MARSHALLTOWN, IA	23937	NPP	NJ	09/2015			APS, EXL, PGE, PSE, SNN, VAT	FEC		
1249 (SR/PR/NP)	FLOWSERVE CORPORATION PUMP DIVISION - VERNON, CA 1757 (SR/EX) FLOWSERVE CORPORATION, CHARLOTTE NUC. SRV. CNTR. - CHARLOTTE, NC 5749 (SR/EX) FLOWSERVE PUMP CORPORATION PUMP DIVISION - PHILLIPSBURG, PA 5750 (SR/EX) FLOWSERVE PUMP CORPORATION PUMP DIVISION - MEMPHIS, TN	23939	NEE	NJ	08/2015			DPC, ETN, EXL, NEK, NPP, PPL, STP	PSE		
2533 (SR/PR/NP)	FLUKE ELECTRONICS - SOLON, OH	23941	EXL	NJ	07/2015			AEP, FEC, NPP, PSE	ENW		
1563 (SR/PR)	INSTRUMENT & VALVE SERVICES COMPANY - COLUMBIA, SC	23950	AEP	NJ	10/2015			DOM, DPC, EXL, PSE, SOC, WCN	NPP		
2761 (SR/PR/NP)	INTEGRATED RESOURCES - NEBRASKA CITY, NE	23952	NPP	NJ	12/2015			ENT, EXL, PPL, WCN	SNC		
1638 (SR/PR/NP)	INTERGRAPH CORPORATION POWER & MAIRINE - NORCROSS, GA	23946	TVA	NJ	09/2015			APS, OPP	PSE		
1787 (SR/PR/NP)	ITT ENGINEERED VALVES, LLC - LANCASTER, PA	23954	DPC	NJ	10/2015			EXL, VAT, XEL	ENT		
1795 (SR/PR)	JAMES C. WHITE COMPANY, INC. - GREENVILLE, SC	23956	LUM	NJ	10/2015			AEP, APS, SOC, XEL	TVA		
1825 (SR/PR/NP)	KALSI ENGINEERING - SUGARLAND, TX	23959	DPC	NJ	08/2015			AEP, AUE, DOM	LUM		
5868 (SR/PR/NP)	LINCOLN STRUCTURAL SOLUTIONS - OMAHA, NE	23960	WCN	NJ	07/2015			DOM, NPP, PGE	OPP		
1976 (SR/PR)	MOREHOUSE INSTRUMENT COMPANY - YORK, PA	23963	TVA	NJ	08/2015			AEP, ENW, FEC	STP		
4920 (SR/PR/NP)	MORETECH INC. - BENICIA, CA	24045	XEL	NJ	09/2015			DPC, LUM	AEP		
1978 (SR/PR/NP)	MPR ASSOCIATES INC. - ALEXANDRIA, VA 5875 (SR/PR) MPR ASSOCIATES - EAST LYME, CT 5876 (SR/PR) MPR ASSOCIATES, INC. - HOUSTON, TX	23964	PGE	NJ	10/2015			AUE, EXL, SNC	NEE		

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5897 (SR/PR)	NEXUS TECHNICAL SERVICES - OAKBROOK TERRACE, IL	23965	DPC	NJ	11/2015			ENT, EXL	APS		
2058 (SR/PR/NP)	NUCLEAR LOGISTICS, INC. - FORT WORTH, TX	23967	SOC	NJ	10/2015			AUE, BPL, DPC, NEE, SNC, WCN	PGE		
2054 (SR/PR)	NUCON INTERNATIONAL, INC. - COLUMBUS, OH	23968	DOM	NJ	10/2015			AEP, IBE, OPG, PSE, TVA, XEL	EXL		
4640 (SR/PR)	NWS TECHNOLOGIES - SPARTANBURG, SC	23969	PGE	NJ	08/2015			APS, ENW, SNC, SOC	PSE		
2093 (SR/PR)	OPERATION TECHNOLOGY, INC. - IRVINE, CA	23970	PPL	NJ	11/2015			DOM, WCN	DPC		
2124 (SR/PR)	PARKER HANNIFIN CORPORATION - HUNTSVILLE, AL 2123 (SR/EX) PARKER HANNIFIN CORPORATION - BOAZ, AL	23971	LUM	NJ	07/2015			DTE, ENT, EXL, SNC, STP	DOM		
5365 (SR/PR/NP)	PAWLING ENGINEERED PRODUCTS, INC - PAWLING, NY	23972	ENT	NJ	09/2015			DTE, SNN, TVA	EXL		
4522 (SR/PR/NP)	PHI-DELTA INC. - MARSHFIELD, MA	23974	EXL	NJ	11/2015			AEP, ENT	AEP		
4304 (SR/PR/NP)	PPG PROTECTIVE & MARINE COATINGS - ALEXANDER, AR 5793 (SR/EX) PPG PROTECTIVE & MARINE COATINGS - EAST POINT, GA	23975	SNC	NJ	11/2015			EXL, PGE, PPL, TVA, XEL	ENT		
1483 (SR/PR/NP)	QUALTECH NP, DIV. OF CURTISS WRIGHT FLOW CONTROL - HUNTSVILLE, AL	23979	NPP	NJ	08/2015			BPL, DTE, ENT, NBP, NEE	EXL		
2263 (SR/PR)	ROSEMOUNT NUCLEAR INSTRUMENTS INC. - CHANHASSEN, MN	23980	PPL	NJ	10/2015			DTE, EXL, KNP, NPP, SNN, XEL	EXL		
4340 (SR/PR/NP)	SIGMA, INC. - CHARLESTOWN, IN	23982	EXL	NJ	07/2015			APS, DOM, ENT	XEL		
4449 (SR/PR)	SOCIETA CHIMICA LARDERELLO - LARDERELLO, PI	23983	DPC	NJ	10/2015			APS, AUE, NEK	PGE		
2374 (SR/PR/NP)	STEVENSON AND ASSOCIATES - WOBURN, MA	23985	EXL	NJ	10/2015			APS, OPP, SOC	DOM		

Audit/Survey Information - Summary

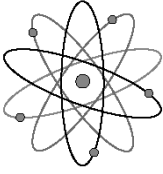
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	2373 (SR/EX) STEVENSON AND ASSOCIATES - INDEPENDENCE, OH										
	4985 (SR/EX) STEVENSON AND ASSOCIATES - GLENVIEW, IL										
2555 (SR/PR/NP)	WELDSTAR COMPANY - AURORA, IL	23995	EXL	NJ	11/2015			ENW, PPL, XEL	LUM		
1010 (SR/PR)	WESTINGHOUSE ELECTRIC - WINDSOR, CT	24000	EXL	NJ	08/2015			DOM, ETN, OPP, SOC, TVA	NEE		
2572 (SR/PR/NP)	WESTINGHOUSE ELECTRIC - CFFF - HOPKINS, SC	23996	PSE	NJ	08/2015			AEP, APS, DPC, ENT, ENT, EXL, IBE, LUM, SNC, STP, TPC, TVA, WCN	DOM		
5829 (SR/PR/NP)	WESTINGHOUSE ELECTRIC - NS FIELD SERVICES - MADISON, PA	23997	PGE	NJ	08/2015			BPL, DPC, ENW, LUM, UNE	NEE		
	5950 (SR/EX) WESTINGHOUSE INSTALLATION & MODIFICATION SERVICES - MADISON, PA										
	5980 (SR/EX) WESTINGHOUSE INSTALLATION & MODIFICATION SERVICES - CHARLOTTE, NC										
2583 (SR/PR/NP)	WESTINGHOUSE ELECTRIC - NS PUMP & MOTOR SERVICES - MADISON, PA	23998	NEE	NJ	08/2015			DTE, ENT, EXL, KNP, NPP, OPG, PPL	STP		
2577 (SR/PR/NP)	WESTINGHOUSE ELECTRIC - NUCLEAR SERVICES RRAS - NEW STANTON, PA	23999	XEL	NJ	08/2015			DTE, ENT, EXL, KNP, NPP, OPG, PPL	SNC		
2578 (SR/PR)	WESTINGHOUSE ELECTRIC COMPANY - NUCLEAR FUEL - CRANBERRY TOWNSHIP, PA	24001	NEE	NJ	09/2015			APS, DOM, ENT, EXL, FEC, NEE, NEK, PGE, TVA	FEC		
	6108 (SR/EX) WESTINGHOUSE ELECTRIC COMPANY - NUCLEAR FUEL - NEW STANTON, PA										
2575 (SR/PR/NP)	WESTINGHOUSE ELECTRIC QUALITY PRGMS & SUPP QUALITY - CRANBERRY TOWNSHIP, PA	24002	AUE	NJ	08/2015			AEP, APS, CFE, FEC, NEK, PSE, SNC	EXL		
	2576 (SR/EX) WESTINGHOUSE ELECTRIC NS ENGINEERING SERVICES - CRANBERRY TWP., PA										
	5072 (SR/EX) WESTINGHOUSE ELECTRIC MCR&E SERVICES - CRANBERRY TOWNSHIP, PA										
9997 (SR/PR/NP)	WESTINGHOUSE FUELS - MEGA AUDIT COORDINATOR - HOPKINS, SC	24007	XEL	NJ	09/2015				TVA		

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5716 (SR/PR/NP)	WESTINGHOUSE NPP (AP-1000) - CRANBERRY TOWNSHIP, PA	24103	DPC	NJ	08/2015			DPC, NEE, SNC, SOC	SNC		
5073 (SR/PR/NP)	WESTINGHOUSE NUCLEAR AUTOMATION AND FIELD SERVICES - WARRENDALE, PA	24003	WCN	NJ	07/2015			DOM, ETN, OPP, SOC, TVA	SNC		
5753 (SR/PR)	WESTINGHOUSE SPECIALTY METALS PLANT - BLAIRSVILLE, PA 4707 (SR/EX) WESTINGHOUSE OGDEN (WO) - OGDEN, UT	24004	SOC	NJ	09/2015			AUE, FEC, WCN	EXL		
9999 (SR/PR/NP)	WESTINGHOUSE-MEGA AUDIT COORDINATOR - CRANBERRY TOWNSHIP, PA	24008	STP	NJ	08/2015				NEE		



NUPIC

NUCLEAR PROCUREMENT ISSUES COMMITTEE

2015 Limited Scope Audit Schedule July - December

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2358 (SR/PR)	ATC NUCLEAR - SCHENECTADY, NY	24077	AUE	LA	09/2015			AEP, ENW			
1224 (SR/PR)	BNL INDUSTRIES INC - VERNON, CT	24078	DOM	LA	11/2015			AEP, EXL			
2376 (SR/PR/NP)	CB&I, STONE AND WEBSTER, INC. - CANTON, MA	24104	SOC	LA	11/2015			DPC, DPC, SNC, SOC			
5725 (SR/EX)	CB&I, STONE AND WEBSTER, INC. - CHARLOTTE, NC										
1723 (SR/PR/NP)	HILTI INC. - TULSA, OK	24115	NEE	LA	07/2015			PGE, PPL			
6107 (SR/EX)	HILTI, INC - SOUTH BEND, IN										
6017 (SR/EX)	HILTI, INC. - MATAMOROS, **										
6076 (SR/PR/NP)	HOWDEN NORTH AMERICA, INC - DEPEW, NY	24111	ENT	LA	12/2015			ENW, EXL, FEC, STP			
5206 (SR/EX)	HOWDEN NORTH AMERICA, INC. - COLUMBIA, SC										
1821 (SR/EX)	HOWDEN NORTH AMERICA, INC. - WINNIPEG, MB										
4912 (SR/PR)	IHI SOUTHWEST TECHNOLOGIES INC. - SAN ANTONIO, TX	24112	DPC	LA	09/2015			CFE, EXL			
1369 (SR/PR)	SPX CORPORATION, COPES-VULCAN OPERATION - MC KEAN, PA	23917	ENT	LA	09/2015			EXL, NEE, OPG, SOC	SNC		