

Issue: May 2022

Chair Message

By: Roger Mills (PSEG Nuclear)

"I encourage everyone to attend the Vendor conference in June.

This is another unique experience in that this conference has a theme: 50's, 60's, and 70's!"

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Chair Message

Greetings!

I'm sure that many of our Auditors are back on the road in a more aggressive manner, meaning multiple weeks of Auditing in a row. Having just completed a five straight week Audit commitment, it is nice to have a couple of weeks at home before heading back out.

Always of concern to the Auditors and the Steering Committee is the COVID numbers around the country and around the world. While most of the numbers appear to be going down, we must still ensure we are protecting ourselves and each other. Please keep social distancing, masks, and vaccines in mind as a great tool to help prevent the spread or minimize the effects of COVID.

Will we be doing business differently in the future? The answer would be yes, I think so. As much as we try to grasp the concept of needed change due to the days of COVID, we are also trying to return to what we would call normal. Normal to us is three NUPIC Conferences per year and all audits conducted in person (Performance-Based). Some utilities are still not allowing some travel and we have to respect their decision. There is also a cost with respecting that decision. When we reserve hotels for conducting our conferences, an expectation is built in to that contract that says we will fill a certain number of hotel rooms during that time period. While we feel the importance of sharing the information from that meeting is more important, NUPIC is still committed to a certain financial amount. We provide access via Teams, Zoom, or one of any other virtual media options and have done so at no cost. For each person that does not attend, it is a reduction of 4 to 7 nights at the hotel. While I'm not looking to put a dollar amount on the safety of each person, we, as an organization, still need to ensure we are doing the correct actions as a business.

You'll notice that this will be the first time that we are charging for remote access to the conference. While the amount is truly minimal compared to the cost of being at the conference in person, it will provide an off-set for people that are not able to be there in person

NUPIC is a non-profit organization and we need to ensure we are doing the right thing as an organization.

Now, having said all that, I encourage everyone to attend the Vendor conference in June. This is another unique experience in that this conference has a theme: 50's, 60's, and 70's! Now is the time to start prepping. Get out your poodle skirts, your white T-Shirts, and your Fringy vests and join the fun on Wednesday night! Please know that we will be all business during the conference on Wednesday and Thursday and will have lots of great topics.

I hope to see all of you there. Please, be safe in all your travels, Roger



ATTENTION: PROCUREMENT RELATED TRAINING

FOR VENDORS AND NUPIC MEMBERS PROVIDED BY ELECTRIC POWER RESEARCH INSTITUTE UNIVERSITY (EPRI-U) IN PERSON OR ONL INE

By: Marc Tannenbaum Electrical Power Research Institute (EPRI)

Nuclear Utility Procurement Course - \$1400 (Professional Development Hours 21.5):

Through the Joint Utility Task Group (JUTG), EPRI has developed a comprehensive set of guidelines to assist its member utilities in procurement, documentation, source verification, audits, receipt inspection, testing, and acceptance of commercial grade items for use in safety-related nuclear applications. In addition, a unique training course has been developed to provide instruction on the use and application of the guidelines and how to continuously improve each licensee's commercial grade dedication program. The three-day course provides detailed guidance on performing safety classifications, equivalency evaluations, and commercial grade dedication, as well as other issues related to materials management. The comprehensive course uses lectures, examples, exercises, and discussion groups to address key procurement issues facing the industry.

Nuclear Utility Procurement (3002015153)

May 10-12, 2022 – Distance Learning July 11-13, 2022 - In-person at EPRI in Charlotte, NC December 6-8, 2022 - In-person at EPRI in Charlotte, NC

Procurement of Reactor Coolant Pressure Boundary Replacement Items \$1500

(Professional Development Hours 12.5):

This course discusses basic concepts of the ASME Code as they pertain to the procurement process at nuclear power plants. The course is ideal for the Procurement Engineer that has recently been assigned to the procurement engineering organization; however, seasoned engineers will also find the information useful in resolving long-standing procurement issues associated with the ASME Code. The course provides a basic understanding of how the ASME Code can impact procurement, how it is structured, and how to address situations where replacement items cannot be procured to the original construction Code of record.

<u>Procurement of Reactor Coolant Pressure Boundary Items (ASME Procurement)</u> (3002015154) July 14-15, 2022 – In-person at EPRI in Charlotte, NC

Also EPRI-U offers Computer-based classes open to all: see below list with live link by product # or search at

https://www.epri.com/epri-u

Course	Product Number
Technical and Quality Requirements Computer-Based Training (LMS)	3002020811 (LMS)
Item Equivalency Evaluation Computer-Based Training (LMS)	3002018278 (LMS)
Commercial Grade Dedication Basics (LMS)	3002015921 (LMS)
Procurement Engineering Safety Classification CBT (PESC CBT), version 1.0	3002020810 (LMS)
Undeclared Digital Content Computer-Based Training 2017 (UDC CBT)	3002020809 (LMS)
Counterfeit, Fraudulent, and Suspect Items (CFI), Version 2.0	3002015960 (LMS)
Technical Specialist Training (TST) for Audits and Surveys, Version 2.1	3002015959 (LMS)
Procurement Engineering Fundamentals v1.0	3002005958 (LMS)
Quality Control Receipt Inspection - Computer-Based Training	3002013801 (LMS)



TECHNICAL SPECIALIST SUPPORT PROVIDED

By: Rick Way & Robert Villegas Electrical Power Research Institute (EPRI)

Just in case you didn't know, EPRI can provide a Technical Specialist for NUPIC audits. For example, EPRI has experts in fuels, engineering, nondestructive examination, and vessel internals that can and have been used during audits in specific technical areas. If an EPRI Technical Specialist is needed for a NUPIC audit, please allow a 90-day notice prior to the audit, so we can align the technical resources. The EPRI Project Manager/Technical Experts are involved in many different areas and need time to align with their project work and travel requirements.

Contact: Rick Way (rway@epri.com) or Robert Villegas (rvillegas@epri.com)

NUCLEAR FUEL COMMITTEE

By: John Larson, NFC Chair

There is one NUPIC Committee that involves every member; the Nuclear Fuel Committee (NFC). NFC activities revolve around the 3 US fuel fabricators: Global Nuclear Fuel (GNF), Westinghouse, and Framatome. Shared oversight activities are coordinated by 3 "Affinity Groups" (AGs) that pool customer resources for shared quality and technical surveillances. These surveillances are posted on the NUPIC website but restricted for viewing and download to members with active fuel contracts. Each AG meets annually to plan those activities, and jointly each September as part of the NUPIC Fall Meeting. This year the Annual Joint AG Meeting (or also referred to as the NFC Committee Meeting) will be held on Monday afternoon, September 12, in Philadelphia PA, in the same hotel venue that will continue with the NUPIC Fall Meeting that follows on Tuesday – Wednesday. A highlight of each annual meeting is the presentation by quality management representing the fabricator that received a NUPIC audit during that year's audit cycle. This year we will hear from a representative of Global Nuclear Fuel to present a summary of the results of the NUPIC Audit completed July 25 – August 5, and an overview of planned corrective actions. Each AG Chair also makes a presentation.

The AGs are chaired as follows:

GNF – Brian Miller EXL / John Larson NPP Westinghouse - Jeffrey Austin DOM / Tim Czuba ENT Framatome - Michelle Hynes EXL / Andrea Boynton DPC

Future activities include seeking more participation from international NUPIC Members. The potential exists to involve these members more effectively where international locations support US fabricators, and the possibility of learning more about other fuel fabricators in other parts of the world and the oversight experiences and learnings that help all of us improve our effective oversight.

Following the Fall 2022 Meeting in Philadelphia, Andrea Boynton of Duke Power Company will be taking over as the Chair of this committee.



NEI 14-05A, REVISION IMPLEMENTATION

By: Earl R. Mayhorn, AmerenUE

Effective June 2, 2021, ISO/IEC 17025:2005 became invalid and only accreditations to ISO/IEC 17025:2017 are recognized for calibration and testing under the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Agreement (MRA). Also, effective June 2, 2021 NEI 14-05A, "Guidelines for the Use of Accreditation in Lieu of Commercial Grade Surveys for Procurement of Laboratory Calibration and Test Services", Revision 0 was superseded by NEI 14-05A, Revision 1. NEI 14-05A, Revision 1 prescribes an acceptable approach for utilizing accreditation to ISO/IEC 17025:2017 in lieu of a commercial grade survey during the commercial grade dedication process. This process is known as the ILAC accreditation process. The NRC's acceptance of NEI 14-05A, revision 1, came with new requirements for use of the ILAC accreditation process are as follows with the bolded and italicized items being new.

The method the purchaser needs to follow, and document in their QA program, consists of:

- 1. A documented review of the supplier's accreditation is performed and includes a verification of the following:
- a. The calibration or test laboratory holds accreditation by an accrediting body recognized by the ILAC MRA. The accreditation encompasses ISO/IEC-17025:2017, "General Requirements for the Competence of Testing and Calibration Laboratories."
- b. For procurement of calibration services, the published scope of accreditation for the calibration laboratory covers the needed measurement parameters, ranges, and uncertainties.
- c. For procurement of testing services, the published scope of accreditation for the test laboratory covers the needed testing services including test methodology and tolerances/uncertainty.
- d. The laboratory has achieved accreditation based on an on-site accreditation assessment by the selected AB within the past 48 months. The laboratory's accreditation cannot be based on two consecutive remote accreditation assessments.
- 2. The purchase documents require that:
- a. The service must be provided in accordance with their accredited ISO/IEC-17025:2017 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)
- The equipment/standards used to perform the calibration must be identified in the certificate of calibration. (for calibration services only)
- d. Subcontracting of these accredited services is prohibited.
- e. The customer must be notified of any condition that adversely impacts the laboratory's ability to maintain the scope of accreditation.
- f. Performance of the services listed on this order is contingent on the laboratory's accreditation having been achieved through an on-site accreditation assessment by the Accreditation Body within the past 48 months.
- g. 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.

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NEI 14-05A, REVISION IMPLEMENTATION (Continued)

By: Earl R. Mayhorn, AmerenUE

- 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 their ISO/IEC-17025:2017 program, and has been performed within their scope of accreditation, and
- b. The purchase order's requirements are met.

As a result of these additional requirements, users of the process will need to ensure the evaluation referenced it item 1 above includes verification the laboratory's accreditation or reaccreditation is based on an on-site assessment at the laboratory's facility within the past 48 months. Based on a two (2) year / 24 month accreditation period, laboratories accredited/ reaccredited in 2020 will be due for reaccreditation in 2022. Special attention must be paid to the accreditation of these laboratories since many of the accreditations performed in 2020 were conducted using remote techniques by accreditation bodies (AB's) due to travel restrictions caused by the global COVID-19 pandemic. Therefore, to comply with the new NEI 14-05A, Revision 1 requirements, users of the ILAC accreditation process must ensure those laboratories undergo an on-site accreditation assessment at their facility in 2022. It is recommended that users review their list of laboratories which have been approved by based on the laboratory's accreditation to ISO/IEC 17025:2017 and contact each laboratory directly to verify the next accreditation assessment is performed on-site at their facility. In addition, purchase orders to such laboratories must specify that performance of the accredited service is contingent on the laboratory's accreditation having been achieved through an on-site accreditation assessment by the Accreditation Body within the past 48 months. These changes are necessary since the NRC's endorsement of the use of ILAC accreditation process was largely based on ABs performing on-site accreditation assessments at laboratories. Prior to 2020, fully remote accreditation assessment were rarely, if ever, utilized.

Revision 1 to NEI 14-05A, prohibits the subcontracting of services when utilizing the ILAC accreditation process. The laboratory that is contracted to perform the accredited service cannot subcontract the service. Purchase orders for accredited calibration and testing services utilizing the ILAC accreditation process must indicate that subcontracting of the requested service is prohibited.

Next, the ILAC accreditation process cannot be utilized to commercially dedicate Non-Destructive Examination (NDE) services. If a licensee or 10CFR50, Appendix B supplier decides to commercially dedicate NDE services, the dedication must be performed outside of the ILAC accreditation process without reliance on the laboratory's accreditation to ISO/IEC 17025:2017.

Finally, the ILAC process is intended for use by licensees and suppliers of basic components as a part of the commercial grade dedication process and must be used in conjunction with other NRC-endorsed commercial grade dedication guidance such as EPRI TR3002002982. A commercial grade dedication technical evaluation is required as a part of the ILAC process to document the critical characteristics and acceptance method for calibration and testing services. Sample technical evaluations for both calibration and testing services have been included as attachments to NEI 14-05A, Revision.

Questions can be addressed to the ILACQuestions@nupic.com

Copies of the applicable NEI14-05A, Revision 1 documents can be obtained at https://www.nupic.com/NUPIC/Home/HotTopics.aspx





WHAT IS IER L2 21-4?

By: John Larson Nebraska Public Power District

If you have any doubts about the importance of the work we do as nuclear oversight professionals, you should read this article. You will be hearing reference to IER L2 21-4 often during the next few years as nuclear power strives to be the clean and carbon-free energy of choice for the rest of this century. Our efforts to perform effective performance-based audits with cross-functional teams that include technical specialists has contributed to nuclear power becoming a safe and reliable power producer for the nation's electrical grid. But more improvement is not only possible but required. In September of 2021, the Institute of Nuclear Power Operations (INPO) issued INPO Event Report (IER) Level 2 21-4 "Improving Plant Reliability". The INPO website explains that "Over the past three years, the nuclear industry has averaged more than 200 Noteworthy - Consequential events per year due to equipment malfunctions or failures and the trend has remained relatively flat. In some cases, significant equipment damage not only heightened operational risks, but enterprise-level risks, as well. Moreover, these consequential events were largely preventable. In order to improve overall industry reliability and significantly reduce precursors to more serious challenges, a renewed focus on preventing equipment-related consequential events is required."

These consequential events include reactor scrams, shutdowns, down powers, delayed power ascensions, loss of risk significant functions, and emergency system actuations. Taken altogether, these preventable events are estimated to have had a generation impact of more than 38 million MW-hrs, or the equivalent of shutting down the entire US nuclear industry for sixteen days.

To address this problem, INPO and industry personnel have identified several event drivers that include oversight of vendor workmanship and parts quality as contributors. Seven recommendations for nuclear plants are described in the document as follow:

- 1) Setting direction
- 2) Apply Continuous Learning
- 3) Improve Self-Awareness and Self Correction
- 4) Strengthen Risk Recognition
- 5) Enhance Risk-Elimination Bia in Decision-Making
- 6) Establish a Sustainable Parts Quality Process
- 7) Establish High Standards in Vendor and Supplemental Personnel Oversight

All nuclear utility members of INPO were required to submit an implementation plan for this IER by February 22, 2022. Supporting document INPO 22-001, "Parts Quality and Availability to Support Plant Reliability", builds on industry lessons learned and is intended to help close gaps to excellence in parts quality and to meet the parts quality standards discussed in WANO PO&C 2019-1, Performance Objectives and Criteria, and in INPO Event Report (IER) L2-21-4, Improving Plant Reliability. NUPIC is identified in this document, along with it's NIAC counterpart for vendors.



You are invited to attend the....

30th Annual NUPIC Vendor Conference

Wednesday – Thursday June 22 – 23, 2022

at the

Detroit Marriott

at the Renaissance Center

Detroit, MI

Hotel Registration Deadline: May 27, 2022



NUPIC Vendor Conference Registration Instructions:

Please register for the conference AND your hotel room on www.nupic.com for the conference. On the left side under "Home," select "Future NUPIC Meetings" and select "6/22/2022 to 6/23/2022 - Detroit Marriott...," then select "Register for Meeting."

Vendor Conference: The meeting registration fee is \$500.00 per attendee. The fee covers the costs for:

- Breakfasts and lunches
- Morning and afternoon refreshments during the meeting
- Wednesday dinner event at the Henry Ford Museum of Innovation
 - ⇒ There will be an optional 50's-70's dress up theme! Please dress up in your favorite 50's-70s apparel while touring the historic Henry Ford Museum.

Electronic copies of meeting presentations will be made available to each attendee. <u>Guests</u> of registrants may attend the dinner at a cost of \$75.00 per person. Payment by either credit card or check is available during registration. If you select payment by check, please submit a check by mail to the address below.

Please make checks payable to NUPIC and include a copy of the email registration confirmation notice to: +

ETHANY Corporation c/o Greg Przyjemski – NUPIC Treasurer 4 S. Main Street Suite 2 Pittsford, NY 14534

PLEASE NOTE

The \$500.00 <u>deadline</u> is May 30, 2022.

Late Registration fees are as follows:

• After May 30, 2022: **\$600.00**

June 21, 2022 (walk-ins based on availability): \$650.00

Registration fees must be paid in full prior to entering the meeting. Meeting registration fees will be refunded to those who cancel on or before May 30, 2022. Please allow 30 days after meeting for refund processing.

Alternate Registration options:

- \$100 additional charge for unlimited virtual viewing for same company with in-person attendance contact Jeff Kaar at jeffrey.kaar@pge.com
- \$500 if your company would like to attend virtually only; \$500 covers unlimited virtual attendees from same company. Please contact Jeff Kaar at jeffrey.kaar@pge.com

NUPIC's goal is to make information available to multiple audiences that are not able to attend. Please consider bringing multiple staff members or allow them to participate virtually.



NUPIC Vendor Conference Hotel Instructions:

At the same home page location on www.nupic.com, click on the "Hotel Registration - June 2022 NUPIC Conference". This will take you to the hotel website for our conference. The hotel website shows conference rate starts 3 days before and extends 3 days after our conference (limited availability) if you choose to arrive early or stay late to enjoy the area. Enter the dates you plan on arriving and departing and the website will walk you through the reservation and then sends you a confirmation email.

Hotel Registration Deadline is Saturday - May 27, 2022

Conference hotel is:

Detroit Marriott at the Renaissance Center, 400 Renaissance Drive, Detroit, MI, 48243, Phone (313) 568-8000



The NUPIC Hotel Registration link is:

https://book.passkey.com/go/NUPICattendee2022

Once all required information has been entered, your reservation will be confirmed via email. Reservations can also be made by calling Hotel reservations: (313) 568 -8000 and request the MUPIC rate. The hotel will honor NUPIC rate 3 days prior and after the conference for reservations (if available).



"Detroit Marriott at the Renaissance Center"



FUTURE NUPIC MEETING DATES & LOCATIONS - CONSIDER BRINGING YOUR SPOUSE!

By: Jeff Kaar, PGE

The VIC works hard to site our meetings in safe, centrally located and hopefully fun locations. Below is the list of meetings already under contract, location and dates. Annually I show my wife my anticipated trips and suggest she pick one that she might want to come along. I explain I typically have more time and less pressure during a NUPIC meeting and she should target those trips to "tag along". Our hotel contract allows the same preferred rate 3 days prior and following our meeting, so both weekends are available for you to enjoy the area.

So copy and paste this list and send it to you "better half" and just maybe they will 1: complain less about your traveling and 2: come along and both of you have some fun with your company paying your expenses. Since the dates are fixed, using frequent flyer miles for far advance airline travel is way lower points then a trip in the next 2 months. Also most tickets via points can be changed or cancelled with low or no cost and the points return to your account. I just booked my wife's ticket to join me for the January 2023 auditor training conference in Miami – 25K points round trip, a bargain! I could do it because the meeting date is fixed (so the beginning of the fun is known).

Take my advice (and help keep your retirement 401K fund from being coming a 201K if they leave you ...for being gone so much). Consider improving your work – life balance by including your spouse if one of our conference cities looks interesting. You have choices – Motown (Detroit), City of Brotherly Love (Philadelphia), Cruise Ship capitol (Miami), Just North of US Capitol (Baltimore) and Live Music capital of the US (Austin). Hope to see you both at one of our future meetings.

Future Meeting Dates

- **→** June 20-23, 2022: Detroit Marriott Renaissance Ctr see picture on Page 9 of our hotel tower, with stop on the elevated downtown people mover!
- + Sept. 12-14,2022: Philadelphia Sheraton Downtown
- **→** January 30- Feb 2, 2023: Miami Marriott Biscayne Bay
- **+** June 12-15, 2023: Denver, CO (Westin \$249)
- **→** September 2023: TBD, but the state's travel slogan is "Virginia is for Lovers" ...
- **→** January 2024: TBD, but return to Clearwater, FL is looking good
- **→** June 10-13, 2024: Baltimore, MD Inner Harbor Hyatt
- **→** June 23-26, 2025: Sheraton Austin (Tx) at the Capitol short walk to music district and world famous BBQ.



Joint Audit and
Limited Scope Audit
Schedule
April - December

2022-2023 NUPIC AUDIT/SURVEY SCHEDULE 2022 April - June

		NUPIC Supplier #	SR/CG/ RA	Supplier	State	Audit #	Scheduled Month	Audit Entrance	Audit Exit	Supplier Expiration Date	90 Day Grace Period	25% Grace Period	Lead Utility
										DATE	Indicates a	udit date is past t	his date
2020 E	XPIRED	5806	SR	CW Nuclear Canada (Newmarket, ON, Canada)	INT	24892	Apr-20	09/19/22				4/14/21	CEG
	DITS	2277	SR	WARTSILA - MULHOUSE CEDEX, FR	INT	25016	Mar-20	01/10/22	In Progress			1/28/21	XEL
								<u>.</u>					
		5157	SR	CW - Farris Engineering	INT	25063	May-21	03/28/22		8/17/18	10/14/21	5/13/22	DOM
		1457	SR	DRS Consolidated Controls	CT	25058	Jun-21	04/11/22	4/14/22	9/28/21	12/28/21	6/28/22	NEE
		3254	SR	TE Connectivity	NC	25116	Dec-21	04/18/22	4/21/22	3/1/22	5/30/22	12/1/22	TVA
		4440	SR	Lake Engineering	RI	25090	Aug-21	04/25/22		11/8/21	2/8/22	8/8/22	DOM
2021	Audits	1926	SR	Master Builders Solutions	OH	25043	Aug-21	04/25/22		11/15/21	2/13/22	8/12/22	DOM
(ор	en)	1739	SR	Hydroaire	IL	25079	Dec-21	04/25/22		3/21/22	6/19/22	12/16/22	WCN
		1500	SR	Enercon Services, Inc.	GA	25215	Jan-22	04/25/22		4/12/22	7/11/22	1/7/23	ENT
		1176	SR	BWXT Canada	CD	25045	Dec-21	04/25/22		3/15/22	6/13/22	12/10/22	APS
		5755	SR	Framatome Fuel (Paimboeuf)	FR	25071	Sep-21	05/02/22		9/27/21	12/26/21	6/27/22	CEG
		1604	SR	Garlock Sealing	NY	25076	Dec-21	06/06/22		3/7/22	6/7/22	12/7/22	AUE
	1	1050	SR	VCD Co 9 Co	NIA	25241	Mar 22	04/04/22	4/7/2022	C /20 /22	0/20/22	2/25/22	CEC
		1850	SR	KSB Se & Co. Ametek Solidstate Controls	NA OH	25241 25192	Mar-22 Apr-22	04/04/22 04/04/22	4/7/2022 4/8/2022	6/28/22 7/25/22	9/26/22 10/23/22	3/25/23 4/21/23	CEG
		2337 2629	SR	Zetec, Inc.	WA	25275	Apr-22 Apr-22	04/04/22	4/8/2022	7/12/22	10/23/22	4/21/23	EHN TVA
		1529	SR		CA	25238	Feb-22	04/04/22	4/8/2022	5/10/22	8/8/22	2/4/23	NEE
APR	2022	1911	SR	Jensen Hughes Mackson Nuclear Llc	SC	25243	Mar-22	04/18/22	4/21/2022	6/7/22	9/5/22	3/4/23	DPC
AFN	2022	5270	SR	Kinectrics, Inc.	ON	25243	Feb-22	04/16/22	4/21/2022	5/24/22	8/22/22	2/18/23	CEG
		5043	CG	Plastocor, Inc.	MA	25283	Mar-22	04/25/22		6/6/22	9/4/22	3/3/23	DPC
		5633	CG	Engineering Solutions	AZ	25279	Mar-22	04/25/22		6/13/22	9/11/22	3/10/23	EHN
		2128	CG	Parker Hannifin Corp (O-Ring Div)	KY	25282	Apr-22	04/20/22		7/3/22	10/1/22	3/30/23	AUE
	> 36 mth		AQ	Strategic Alliance For Flex Emer Resp	AL	25260	May-22	05/23/22		5/16/22	8/14/22	2/14/23	TVA
		4686	SR	Bergen Pipe Supports, Inc.	PA	25199	Feb-22	05/02/22		5/17/22	8/15/22	2/15/23	WCN
		1726	SR	Holtec International (2 weeks 5/2 & 5/9)	NJ	25232	Mar-22	05/02/22		6/7/22	9/5/22	3/8/23	TLN
		5644	RA	Gel Laboratories,	SC	25226	May-22	05/02/22		8/14/22	11/12/22	5/15/23	STP
		2191	SR	Prime Technology, Llc	СТ	25253	May-22	05/02/22		8/16/22	11/14/22	5/17/23	CEG
		1450	SR	3m Technical Ceramics, Inc.	OK	25204	Apr-22	05/09/22		7/19/22	10/17/22	4/19/23	CEG
		1785	SR	Cameron Energy Services	CA	25201	Feb-22	05/16/22		5/23/22	8/21/22	2/21/23	PGE
MAY		5740	SR	Super Radiator Coils	MN	25261	Mar-22	05/16/22		6/6/22	9/4/22	3/7/23	DPC
		2204	SR	Zachry Nuclear Engineering, Inc.	CT	25273	Mar-22	05/16/22		6/27/22	9/25/22	3/28/23	EHN
		1369	SR	Flow America, Llc - Houston, Tx	TX	25304	Apr-22	05/16/22		8/15/22	11/13/22	5/16/23	TVA
		1121	SR	Analysis & Measurement Services Corp	TN	25193	Apr-22	05/23/22		7/12/22	10/10/22	4/12/23	DPC
		2505	SR	United Controls International, Inc.	GA	25274	May-22	05/23/22		8/2/22	10/31/22	5/3/23	PSE
		1005	SR	Westinghouse Electric Sweden Ab	SW	25272	May-22	05/23/22		8/23/22	11/21/22	5/24/23	TLN
		4187	CG	Met One Instruments, Inc.	OR	25285	May-22	05/22/22		8/8/22	11/6/22	5/9/23	ENT
		1801	SR	John Crane Inc.	IL	25239	May-22	05/23/22		8/23/22	11/21/22	5/24/23	SNC
	> 2C ===	2220	CD	Conia Customa International	TV	25250	Fab 22	06/07/22		F /22 /22	0/21/22	2/21/22	DDC
	>36 m	2339	SR	Sonic Systems International	TX	25258	Feb-22	06/07/22		5/23/22 0/12/22	8/21/22	2/21/23	DPC
		2290	SR	Schulz Electric (A Timken Brand)	CT VT	25255	Jun-22	06/06/22		9/13/22	12/12/22 10/31/22	6/14/23	CEG
		1701	SR	Hayward Tyler, Inc.		25231	May-22	06/06/22		8/2/22		5/3/23	TVA
		2053	SR	NAC International, Inc.	GA	25246	May-22	06/06/22		8/2/22	10/31/22	5/3/23	DPC
JUN		1431	CG	Ashcroft, Inc.	CT	25278	May-22	06/06/22		8/8/22 9/20/22	11/6/22	5/9/23	CEG
		4245	SR	Exelon Powerlabs (Mid Atlantic Division)	PA	25219	Jun-22	06/13/22		8/1/22	12/19/22 10/30/22	6/21/23	DTE
		5237	SR	Serco Inc.	NM A7	25256	May-22	06/13/22		8/1/22	10/30/22	5/2/23	CEG
		4252	SR	Pentas Controls, Inc.	AZ	25250	May-22	06/27/22				5/2/23	NEE
		1436	NJ	Curtiss-Wright Steam & Air Solutions	SC	25305	Jul-22	06/28/22		10/25/22	1/23/23	7/26/23	CEG
		6068	SR	Nusource, Llc	VA	25249	Jun-22			9/12/22	12/11/22	6/13/23	ENT

Supp#	Supplier Name, Lo	ocation	Aud #	Lead Utility	Cat	Scheduled	Audit Entrance Date	Audit End Date	Closed Date	Team Members	Peer Review	Last Update Date	Days Open
1097 (SR/PR/NP)	AAF INTERNATION -		25189	STP	NJ	12/2022	2/6/2023			CEG, IBE, SNC	DOM		1
	1096 (SR/EX) A	AF INTERNATION	NAL - COLL	JMBIA, M	0								
1800 SR/PR/NP)	ABB MOTORS ANI INC FLOWERY E		25315	NPP	LA	11/2022				EHN, ENT, TVA			
031 SR/PR/NP)	ABB, INC FLORE	ENCE, SC	25190	SNC	NJ	12/2022				KNP, NEE, OPG, SNC, TVA	XEL		
2163 SR/PR/NP)	ABSG CONSULTIN	NG INC IRVINE,	25191	APS	NJ	11/2022				PGE, STP, TLN, XEL	XEL		
	6275 (SR/PR) A	BSG CONSULTIN	IG, INC G	SAITHERS	SBURG,	MD							
1413 SR/PR/NP)	AMETEK INSTRUM SPECIALTY CONT JUNCTION, CO		25303	CEG	LA	10/2022	10/10/2022			DPC, ENT, TLN			
:396 SR/PR/NP)	ANSYS, INC CAI	NONSBURG, PA	25329	SNC	NJ	08/2022	8/29/2022			AEP, BPL, DPC			
1666 SR/PR/NP)	ASC ENGINEEREI LLC (ANVIL EPS) - KINGSTOWN, RI		25195	PSE	NJ	11/2022				APS, BPL, KNP, NEE, PGE, TLN, TVA	CEG		
		SC ENGINEERED		NS LLC [BA AN\	/IL SERVICE	S DIVISION -						
		SC ENGINEEREI OHNSTOWN, PA	SOLUTIO	NS LLC [BA BAS	SIC PSA, INC							
2428 RA/PR/NP)	ATI ENVIRONMEN NORTHBROOK, IL		25197	WCN	NJ	10/2022	12/12/2022			CEG, EHN, NEE	XEL		
275 SR/PR/NP)	CARBOLINE GLOE LOUIS, MO	BAL INC ST.	25202	XEL	NJ	08/2022	9/21/2022			AEP, CFE, DPC, WCN	ENT		
	5936 (SR/EX) C	ARBOLINE GLO	BAL INC G	GREEN B	AY, WI								
5835 SR/PR/NP)	CHALMERS & KUE PA	BECK - ASTON,	25205	CEG	NJ	12/2022				PSE, SNC, TLN	DPC		
346 SR/PR/NP)	CONTINENTAL DIS CORPORATION, L MO		25207	ENW	NJ	08/2022	6/6/2022			CEG, DOM, SNC, WCN	DPC		

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1545 (SR/PR/NP)	CURTISS-WRIG DIVISION (QUA CINCINNATI, OF	LTECH NP) -	25208	EHN	NJ	07/2022	9/19/2022			CFE, DTE, NEC, NEK, STP	PGE			
1865 (SR/PR/NP)	CURTISS-WRIG DIVISION, LMT		25209	LUM	NJ	09/2022				DOM, NEC, XEL	SNC			
2056 (SR/PR/NP)	CURTISS-WRIG DIVISION, SCIE DANBURY, CT		25210	SNC	NJ	11/2022	11/14/2022			AEP, APS, CEG, DOM, ENW, NPP	AUE			
1436 (SR/PR/NP)		HT STEAM & AIR UMMERVILLE, SC	25305	CEG	NJ	07/2022	1/23/2023			AUE, DOM, NEE, NPP, WCN, XEL				
1417 (SR/PR/NP)	DOMINION ENG RESTON, VA	GINEERING, INC	25212	ENT	NJ	11/2022	12/6/2022			DOM, OPG, STP	AUE			
1426 (SR/PR)	DRAGON VALV NORWALK, CA	ES, INC	25213	APS	NJ	09/2022	10/3/2022			CEG, DPC, TVA, WCN	NEE			
5280 (SR/PR/NP)	DST COMPUTE GENEVA, CH	R SERVICES S. A.	- 25214	AUE	NJ	12/2022				ENT, NEE	EHN			
1293 (RA/PR/NP)	ENERGYSOLUT BARNWELL, SC		25217	NPP	NJ	12/2022	12/5/2022			EHN, NEE, OPP, PGE, SCE, STP, TVA, XEL	WCN			
	5380 (RA/EX)	ENERGYSOLUTIO	NS (DC&S	FACILITY	/) - BAF	RNWELL, SC								
	6172 (RA/EX)	ENERGYSOLUTIO	NS CORPO	DRATE O	FFICE -	SALT LAKE	CITY, UT							
	1295 (RA/EX)	ENERGYSOLUTIO	NS - CHAR	RLOTTE, I	NC									
	5621 (RA/EX)	DURATEK COMM	ERCIAL SE	RVICES -	MEMP	HIS, TN								
	2299 (RA/EX) ENERGYSOLUTIONS (COMMERCIAL PROCESSING/SERVICES) - OAK RIDGE, TN													
	5329 (RA/EX)	ENERGYSOLUTIO	ONS (COMM	IERCIAL	SERVIC	CES) - KINGS	TON, TN							
	4564 (RA/EX)	ENERGYSOLUTIO	ONS LLC - C	LIVE DIS	POSAL	. SITE - CLIVE	, UT							
	4830 (RA/EX)	ERWIN RESINSOI	LUTIONS, L	LC - ERV	VIN, TN									
2624 (SR/PR/NP)	ENERSYS DELA READING, PA	AWARE INC	25218	DOM	NJ	08/2022	8/22/2022			BPL, CEG, ENT, NEE	ENW			
	5214 (SR/EX)	ENERSYS DELAW	/ARE INC	HAYS, K	S									
1322 (SR/PR/NP)	FAIRBANKS MC BELOIT, WI	PRSE, LLC -	25220	PGE	NJ	11/2022	9/26/2022			DTE, EHN, PSE, WCN, XEL	SNC			

Search Criteria:	: Category = Audi	ts - NJ, LA and GA (ועבץ, וviembe,	er Criteria	a = Lead	s Only,Audit/	Survey Status	s = All Audit/S	urveys,Start	Date = 07/01/2022,End Date	e = 12/31/20	ı∠∠,Keport I	ype =
Supp#	Supplier Name,	Location	Aud #	Lead Utility	Cat	Scheduled	Audit Entrance Date	Audit End Date	Closed Date	Team Members	Peer Review	Last Update Date	Days Open
1476 (SR/PR/NP)	FLOWSERVE C RALEIGH, NC	ORPORATION -	25222	ENW	NJ	09/2022	8/22/2022			CFE, KNP, PGE, TLN, TPC, WCN	PSE		
5169 (SR/PR/NP)	FRAMATOME - SAONE CEDEX		25224	CEG	NJ	08/2022	9/26/2022			AUE, ETN, VAT, WCN	WCN		
	1588 (SR/EX)	AREVA NP - PARI	S, FR										
1617 (SR/PR/NP)		JCLEAR ENERGY - WILMINGTON,	25225	TLN	NJ	07/2022	7/25/2022			AEP, APS, AUE, CEG, DOM, DTE, EHN, ENT, ENW, IBE, LUM, NEE, NPP, PSE, STP, TLN, TVA, WCN, XEL	SNC		
	5501 (SR/EX)	GE NUCLEAR EN	ERGY - SAN	JOSE, C	A								
	1629 (SR/EX)	GE HITACHI NUC PHILADELPHIA, P		HILADEL	PHIA SI	ERVICE CEN	ITER -						
	6257 (SR/EX)	GE HITACHI NUCI SUNOL, CA	_EAR ENER	GY-VALL	ECITOS	NUCLEAR	CENTER -						
	GLOBAL NUCLE AMERICAS - WI		25228	NPP	NJ	07/2022	7/25/2022			CEG, CFE, DTE, EHN, ENT, ENW, IBE, PSE, SNC, VAT	NEE		
	5808 (SR/EX)	GLOBAL NUCLEA	R FUEL - JA	PAN CO	., LTD	KANAGAWA	-KEN,						
5843 (SR/PR/NP)	GRAFTEL, LLC	- ROSELLE, IL	25229	DOM	NJ	07/2022	9/19/2022			AUE, CEG, DPC, TLN	NEE		
6134 (SR/PR/NP)	GUTOR ELECTI WETTINGEN, C	RONIC LLC - 5430 H	25230	TVA	NJ	11/2022				BPL, BPL, DOM, DPC	CEG		
1709 (SR/PR/NP)	HENRY PRATT AURORA, IL	COMPANY -	25341	SNC	NJ	09/2022	9/26/2022			APS, DPC, ENT, NEE, TLN, TVA	AEP		
6076 (SR/PR/NP)	HOWDEN USA (COMPANY -	25234	DTE	NJ	10/2022	10/24/2022			DTE, ETN, OPG, SNC, TVA	NEE		
	6152 (SR/EX)	HOWDEN NORTH	AMERICA II	NC ME	DINA, O	Н							
1349 (SR/PR/NP)	IMI CCI - RANCI MARGARITA, C		25235	NEE	NJ	11/2022				APS, DOM, NBP, NPP, PGE	DTE		
1929 (SR/PR/NP)		NERGY SERVICES I - LATROBE, PA	25245	CEG	NJ	11/2022	1/9/2023			EHN, PSE, SNC	SNC		
4659 (SR/PR/NP)	MISTRAS SERV WATERFORD, (25316	CEG	LA	12/2022				NEE, TLN			

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	5860 (SR/EX)	MISTRAS SERVIC	ES - NORTH	EAST R	EGIONA	L OFFICE -	TRAINER, PA						
	1333 (SR/EX)	MISTRAS SERVIC	ES - BURR F	RIDGE, I	L								
	5714 (SR/EX)	MISTRAS SERVIC	ES DIVISION	N - MERF	RILLVILL	E - MERRIL	LIVLE, IN						
2018 (SR/PR/NP)	NCS CORPORA CONT. SYS) - CO	TION (NUCLEAR DLUMBUS, OH	25248	DPC	NJ	10/2022	10/3/2022			AEP, DOM, EHN, ENW	STP		
	6274 (SR/EX)	NCS CORPORATION	ON (NUCLE	AR CON	T.SYS) -	COLUMBUS	S, OH						
1598 (SR/PR/NP)	REUTER-STOKE TWINSBURG, O		25302	CEG	LA	11/2022				DPC, PSE, TVA			
2255 (SR/PR/NP)	RSCC WIRE & C GRANBY, CT	ABLE LLC - EAST	25254	XEL	NJ	12/2022	12/5/2022			AEP, ENW, ETN, PGE	TVA		
1712 (SR/PR/NP)	SGS NORTH AM VALLEJO, CA	ERICA, INC	25257	DOM	NJ	08/2022	8/22/2022			AEP, APS, LUM, PGE	ENT		
5258 (SR/PR/NP)	TE CONNECTIV	TY - FAIRVIEW,	25263	SNC	NJ	09/2022	11/14/2022			AUE, DTE, IBE, NBP, TVA	CEG		
1705 (SR/PR/NP)		ROUP COLUMBIA RLOCK HELICOF)	25264	NEE	NJ	12/2022				CEG, IBE, PGE, SNC, STP	ENT		
2454 (SR/PR/NP)	TIOGA PIPE, INC EASTON, PA	CORPORATED -	25266	CEG	NJ	10/2022	10/24/2022			CFE, EHN, PSE, WCN	DPC		
	5811 (SR/EX)	TIOGA PIPE COM	PANY - PHIL	ADELPH	IIA, PA								
5278 (SR/PR/NP)	TYCO ELECTRO - OTTOBRUNN,	NICS - RAYCHEM GY	25269	DOM	NJ	11/2022	12/5/2022			APS, AUE, ENT, SNN	LUM		
2512 (SR/PR/NP)	UNITED E&C, IN NJ	C PISCATAWAY,	25270	CEG	NJ	07/2022	8/15/2022			CFE, DTE, ENT, LUM	WCN		
	5929 (SR/EX)	UNITED E&C, INC	INDIAN LA	AND, SC									
	5930 (SR/EX)	UNITED E&C, INC	WARREN	VILLE, IL	-								
5970 (RA/PR/NP)	WASTE CONTROLLC (WCS) - ANI	DL SPECIALISTS DREWS, TX	25271	LUM	NJ	10/2022				CEG, STP, TLN, XEL	DTE		



2022 Survey Schedule July - December

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3061 (CG/PR/NP)	ABB INSTALLATINC MEMPHIS	TION PRODUCTS S, TN	25276	ENW	NC	09/2022	10/11/2022			PSE, WCN, WCN			
	2446 (CG/EX)	ABB INSTALLATIO	N PRODUC	TS INC.	- BYHAL	₋IA, MS							
	5203 (CG/EX)	ABB INSTALLATIO GUADELUPE, NL	N PRODUC	TS MON	ITERRE'	Y S DE RL D	E CV -						
	2904 (CG/EX)	ABB INSTALLATIO	N PRODUC	TS CAR	IBE LLC	- VEGA BAJ	A, PR						
1077 (CG/PR/NP)	ALDEN RESEAR LABORATORY, MA		25277	DOM	NC	07/2022	7/11/2022			APS, DPC, NEE			
5342 (CG/PR/NP)	FLEXITALLIC U	S, LLC - DEER	25280	CEG	NC	08/2022	8/29/2022			PGE, TLN, XEL			
783 CG/PR/NP)	HENKEL CORPO	ORATION - ROCKY	25281	DPC	NC	09/2022				AUE, DTE, ENT			
	4843 (CG/EX)	HENKEL LOCTITE CLEVELAND, OH	CORPORA	TION-CL	EVELAN.	ND MANUFA	CTURING -						
	2785 (CG/EX)	HENKEL LOCTITE	DISTRIBUT	ION CE	NTER - L	OUISVILLE,	KY						
	2786 (CG/EX)	HENKEL LOCTITE GRANDE, PR	CORPORA	TION PU	IERTO F	RICO MANUF	ACT SABAN	IA					
1774 (CG/PR/NP)	IRON MOUNTAI MANAGEMENT ROSENDALE, N	INC	25339	TLN	SMC	09/2022							
2844 (CG/PR/NP)		ITY (FORMERLY FIELD) - FAIRVIEW	25284	ENW	NC	07/2022	9/20/2022			STP, TVA			