

Issue: May 2023

Chair Message

By: Roger Mills (PSEG Nuclear)

"Overall, it is the team concept that completes an audit with participation from auditors and many hours of participation from each vendor."

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Chair Message

Team,

Greetings all! I started this article with the word "Team". It is a powerful word that describes the relationship between Vendors and Auditors. We are a team in that we both have the same desires for an outcome that is favorable for providing quality parts and services for Nuclear Plants. We want the best product or service that can be provided for Nuclear Utilities. Auditors want to ensure compliance with the many regulations that pertain to all the Plants and Vendors want to provide that perfect part or service that is in compliance with the many regulations.

We audit, not only because we are required in order to be in compliance with our licensing agreement, but also to help ensure we get the best part or service possible. We add value when we identify Deficiencies or Findings that could create a stronger vendor program. Findings and Deficiencies are not bad. They are opportunities for a Vendor to receive constructive criticism and strengthen their quality program.

What we, the auditors, need to do is show consistency. Consistency in classifying issues and consistency in implementation from one vendor to another. Sometimes, this is very hard to do since each Audit is an individual product created by a Lead Auditor that is working under their utilities QA program. Just as each vendor's QA program has slight differences, so does each utilities program.

Overall, it is the team concept that completes an audit with participation from auditors and many hours of participation from each vendor. An Audit Team Lead needs to show strong Leadership Skills for the audit team and demonstrate communication skills from the first call to the QA Manager to set the audit up till the Audit Report is closed out. A Team Lead works with the QA Manager to ensure an accurate audit plan is created to provide the most value to a vendor. Feedback needs to be provided along every step of the Audit. And, overall, a positive attitude needs to be maintained by both parties so that the auditing experience is providing real value. Our work together is what will keep the Nuclear Industry moving forward for many years!

Roger

THE NUPIC PBSA

By: David Soward, Xcel Energy

The Performance Based Supplier Audit Worksheet, commonly referred to as the PBSA is a critical part of the NUPIC Joint Audit process. It is a document that is originated by the Lead Utility with input received from the appropriate technical user group within the Lead Utilities organization.

The PBSA is then sent out with the 90 Day Letter to the User Utilities for additional input. The Lead Auditor works closely with the Technical Specialist to understand the PBSA and actions needed during the performance of the Audit.

The preparation of the PBSA takes into consideration the Quality and Technical requirements that the Audit intends to focus upon. It is not meant to be a catch all, as this lends itself to an audit in which the Technical Specialist is spread too thin looking at everything and not seeing what is critical. It is better to focus the Technical Specialist on important attributes and allow for time to thoroughly investigate the attributes and come to an informed conclusion over the supplier's controls.

The PBSA is not meant to be a document that contains the same attributes as the Checklist. Specifically, the PBSA note 1 states:

"Do not include programmatic characteristics/elements that are specifically addressed by the audit checklist questions."

This doesn't preclude the Technical Specialist from supporting the Audit Team by giving guidance in technical matters, in such matters as Design, Commercial Grade Dedication, or Test and Inspection acceptance criteria.

Too many times, and we all have some part in this, the Lead Auditor grabs the previous Audit PBSA, bounces it off their technical user group and adds a few things that are also included as checklist attributes.

This can perpetuate itself as time rolls on and defeat the purpose of the PBSA.

The approach should be to discuss the supplier's current products, services, and processes with your Utility technical user group to understand the application of the product and service. Also meet with the supplier's QA or management and understand the technical aspects. Then drill down to what is of technical importance and focus on those items of interest.

Once that has been established, understand your Utilities application of the product and service and develop the PBSA. Section 5 of EPRI NP-6630 provides additional guidance when selecting items of interest in formulating the PBSA and audit focus.

Also bear in mind that if a particular PBSA attribute was adequately covered in the last Audit, and there have been no significant changes to the supplier's program, the technical user group may decide along with the Lead to focus attention in a different area.

Use the PBSA to focus on the attributes associated with the product or service that are important. The PBSA is a tool to guide the Technical Specialist through the Audit, and allow them to reach a conclusion. It is preferred to focus deep on those few critical items, than it is to cover the whole program lightly.

Talk about it, think it through, and dig deep! Have a great Audit!



THE PLANT TOUR

By: John Larson, Nebraska Public Power District

Since the beginning of audit-time, it seems, we've followed the audit entrance meeting with the plant tour. It's not a requirement or regulation; and its beginnings have been lost in the dim past of nuclear power auditing. I guess in my many years of auditing I've probably taken hundreds of plant tours. In one sense I feel very lucky; who gets to walk through manufacturing and processing plants around the world that make literally everything? It has the potential to be fascinating. But I don't always feel lucky, sometimes cursed as I trudge through a "3-hour tour" where I can hear nothing and see little. But the minimum is met; I've taken the "plant tour".

Having said all this, plant tours can be very useful. If your host plans ahead (and you should coach this), they can use this opportunity to focus the audit on those parts of the plant where the most important work is being done. They can introduce you to the key individuals you will later want to talk to, in their "native habitat".

Tours should never exceed an hour; they should follow a pre-planned route, with pre-planned stops. At each stop the tour guide should gather the tourists and explain briefly the activities planned or underway. Tourists should refrain from auditing during the tour, and limit themselves to taking a few notes for follow-up later. Tour groups should not exceed 6 tourists plus guide. On a more esoteric point, the tour opens your eyes to auditing outside of the conference room. Maybe the most important reason of all, getting out of the conference room facilitates performance-based auditing. Performance based supplier audits (PBSAs) are among the reasons NUPIC was started to begin with.

If you want to try getting way out of the box, how about taking a brief tour <u>before</u> the entrance? Or tour the plant at the beginning of the 2nd day? Maybe the tour would be best at the <u>end</u> of the first day? Next audit you're on, or the next tour you lead, try my suggestions and let me know how you fare.

PROVIDING AUDIT/SURVEY INPUT

By: Earl R. Mayhorn, AmerenUE

As a part of the NUPIC Audit and Commercial Grade planning process, the lead utility is required to send a 90-day notification to the NUPIC Membership announcing the upcoming assessment with planned audit/survey dates, scope, utility team members, a Draft Performance Based Audit Worksheet (audits only, and a Critical Characteristic Worksheet (Commercial grade surveys only), and a request for member utilities to any audit/survey input information. The input information can consist of performance history since the previous NUPIC Audit, receiving data, copies of contracts/purchase orders, recommended additions to the assessment scope, etc.

The point being it is important that utilities provide meaningful input to the team leader for consideration by the assessment team. The information provided should include as much detail as possible including contract/purchase order numbers, supplier shop/sales order numbers, industry issues, etc. The information should be screened by the utility providing the input to ensure it is relevant and current. This input should be provided by the date requested to allow the team leader time to factor the information into the audit/survey planning and scope. In addition, the team leader needs time to provide the information to the supplier's Quality Manager or primary contact in order to assemble the information needed to review during the assessment. It is a fair question for the auditee's Quality Manger to ask if any input was provided by other members or ask the team leader to provide utility input during the planning and performance stages of the assessment.

In instances where the team leader does not receive sufficient input from the NUPIC Membership, each person serving as a team member on the audit should provide relevant from the utility they are representing for evaluation during the assessment. The supply of specific input, completed or in-process orders, and operating experience helps promote a more meaningful and performance- based audit of the supplier's quality assurance program.



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MAKING YOUR AUDIT PREFERENCE LIST

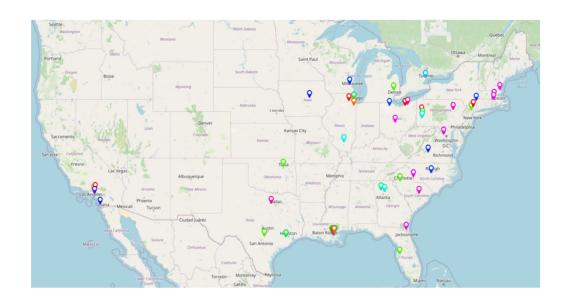
By: David Whiddon, STP Nuclear Operating Company

A rotund vendor auditor once asked me what I would consider in filling out the NUPIC Audit Preference List. The answer he was looking for, which I did not give, was I should prefer vendors that had done poorly on the last NUPIC audit so that I could see firsthand if they had improved. Whatever. I can think of quite a few other factors that would influence my choices. Maybe I want to spread out the audits over the year so my company can support the audits without having to trade out or hire a contractor. Maybe I don't want to be auditing in a place with an outside temperature of 25 F. Perhaps I want to avoid a 14 hour round trip. And, of course, there's lobster and disc golf to consider.

There are some tools that can help you develop an audit preference list to your liking. I harken back to my fantasy football days, prior to all the cheat sheets. I used statistical data in an excel spreadsheet to make my picks for the winning Standard Deviants team. You can do the same with data of your choice. I use if/then commands to weigh the inputs and then sum up all weighted inputs for an overall rating. There is a lot of tedium involved in gathering the data, but the knowledge you gain makes the effort worthwhile. Knowledge is good. Sources of data are google maps, airline schedules, previous audits, the preference list audit months and your NUPIC ASL (you only support audits of vendors on your ASL).

Another tool I use besides excel is mapline. Mapline provides a map upon which you can put virtual pins to provide a visual of where all the audits on your ASL are occurring.

U.S. Operating members select 35 suppliers but support fewer audits. STP must support 14 NUPIC audits, so I pay attention to my top 20 picks to even out the schedule. I have three or fewer audit picks per month in my top 20 selections by moving some picks out of the top 20. It is not a perfect **system**, but with the spreadsheet, I can refine my picks by adding other factors and tweaking the weights of the factors. Of course, you could just pick vendors that had done poorly on the last NUPIC audit.





IMPLEMENTATION OF NEI 14-05-a, Rev.1

By: Earl R. Mayhorn, AmerenUE

After nearly two years of industry implementation of NEI 14-05-A, Rev. 1, Guidelines for the Use of Accreditation in Lieu of Commercial Grade Surveys for Procurement of Laboratory Calibration and Test Services, we are happy to report wide use and acceptance of the process. NEI 14-05-A, Rev. 1, which went into effect on June 2, 2021. NEI 14-05-A, Rev. 1 prescribes an US Nuclear Regulatory Commission (USNRC) accepted methodology for utilizing a laboratory's accreditation to ISO/IEC 17025:2017, General Requirements for the Competence of Testing and Calibration Laboratories, during the commercial grade dedication in lieu of performing commercial grade surveys. The process is widely being utilized by many licensees and suppliers of basic components during the dedication of calibration and testing services and is known in the nuclear industry as the International Laboratory Accreditation Cooperation (ILAC) Accreditation Process.

As a reminder, the methodology prescribed in NEI 14-05-A, Rev. 1 is a three (3) step process which must be adequately outlined in the user's quality procedures and consist of the following:

Step 1- Performance of A Documented Review of the Supplier's accreditation

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 Mutual Recognition Arrangement (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 lab the needed measurement parameters, ranges, and uncertainties.
- c. For procurement of testing services, the published scope of accreditation for the lab 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 Accreditation Body (AB) within the past 48 months. The laboratory's accreditation cannot be based on two consecutive remote accreditation assessments.

Step 2 - Specifying the Applicable Requirements in a Procurement Document

The purchase documents for accredited calibration or testing services must include the following as applicable:

- 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 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. 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 AB 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.

(continued on next page)



IMPLEMENTATION OF NEI 14-05-a, Rev.1 (continued from previous page)

By: Earl R. Mayhorn, AmerenUE

Step 3 -Performance of A Receiving Inspection Upon Completion of the Service

The final acceptance of the service must include verification, 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.
- b. The purchase order's requirements are met.

Based on operating experience collected over the past two years, the ILAC accreditation process is generally being implemented properly. However, there are two areas that continue to challenge the satisfactory implementation. First, the requirement to verify that an ISO/IEC 17025:2017 accredited laboratory has maintained their accreditation based on an onsite accreditation assessment within the past 48 months by the Accreditation Body (AB) that granted the accreditation. Verification of this item will likely require direct communication with the laboratory since accreditation bodies do not provide this information to the laboratory's customers. Secondly, on the receiving end after completion of services, the laboratory must provide a statement indicating that the customer's PO requirements were met. Since this statement is not normally included in the Certificate of Calibration or Certificate of Analysis, the user may need to request the laboratory add a statement to the Certificate of Calibration/Analysis indicating the customer PO requirements were met or provide a separate Certificate of Conformance/Compliance indicating as much.

There is one other noteworthy item related to the procurement of primary standards and/or calibration services. The United States National Institute of Standards and Technology (NIST) and other National Metrology Institutes (NMI's) are acceptable sources for the procurement of calibrations services and primary standards. Licensees and suppliers of basic components may procure primary reference standards and calibration services from NMI's that are signatories to the CIPM MRA without the need to perform an audit or a commercial-grade survey as the NMIs are organizations with proven abilities and disciplines. However, licensees and suppliers of basic components are still responsible for: (1) ensuring that the appropriate technical requirements are included in the procurement documents, and (2) performing receipt inspections to ensure that the procurement document requirements are met. Furthermore, it is not necessary for licensees and suppliers of basic components to invoke the requirements of Appendix B to 10 CFR Part 50 or 10 CFR Part 21, "Reporting of Defects and Noncompliance," in the procurement documents for primary reference standards and calibration services.

These topics will be addressed during the June 2023 NUPIC Vendor Meeting in Denver, Colorado. Also Supporting documents and references for both the ILAC Accreditation Process and acceptance of NMI's can be found on the NUPIC website: https://www.nupic.com/NUPIC/Home/HotTopics.aspx

Questions on NEI 14-05-A, rev 1 and implementation can be directed to ILACQuestions@nupic.com. We will make every attempt to respond to questions within 48 hours.





You are invited to attend the....

31st Annual NUPIC Vendor Conference

Wednesday – Thursday June 14-15, 2023

at the

Westin Denver Downtown
Denver, CO

Hotel Registration Deadline: Friday-May 19, 2023



2023 NUPIC Vendor Conference Registration Instructions:

Please follow the following **two** steps to register on www.nupic.com Home page:

1. **General Meeting and Vendor Conference:** After login, under Home tab, on the left side under "Home," select "Future NUPIC Meetings" and select "6/12/2023 to 6/15/2023 – Denver Downtown Westin ...," then select "Register for Meeting." at upper right of page. You are now registered for both the general meeting and the Vendor conference. If you only want to attend one, please send an email to Jeffrey.Kaar@PGE.com, to prevent us from ordering extra food for the meeting you will not be attending.

PLEASE NOTE



The Vendor Conference is <u>FREE</u> for designated NUPIC Representatives and government personnel. The Vendor Conference includes:

- Breakfast, Lunch, Meeting Refreshments
- Electronic copy of meeting presentations posted on NUPIC website.
- Complimentary Dinner on Wednesday with "Home Team Jersey" theme.
 Additional utility members and/or Guests may attend Dinner at \$75.00 per individual.

Conference Registration deadline is Wednesday, May 31, 2023.

Payment by either credit card or check is available after registering. You can pay for additional guests during the Tuesday afternoon registration at Augusta Room mixer or Wednesday morning outside the Confluence Ballroom.



No virtual attendance for 2023.



2023 NUPIC Vendor Conference Hotel Instructions:

2. <u>Hotel</u>: You can use the link below or at NUPIC home page location <u>www.nupic.com</u>, before you login, you will see 3 blue boxes - click on the "Hotel Registration - June 2023 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.

NUPIC reviews the hotel registration list to identify government workers to update their hotel reservation with the GSA lodging rate (\$199) prior to their arrival.

Email Jeffrey.Kaar@pge.com if a reservation problem occurs, include your reservation #.

Hotel Registration Deadline is Friday - May 19, 2023

Conference hotel is:

The Westin Denver Downtown

1672 Lawrence St., Denver, CO, 80202, (303) 572-9100 The NUPIC Hotel Registration link is:

https://book.passkey.com/event/50367407/owner/3485/home

Rate \$249 per night

Once all required information has been entered, your reservation will be confirmed via email. Reservations can also be made by calling Hotel reservations: **(303) 572 -9100** and request **NUCLEAR PROCUREMENT** rate. The hotel will honor NUPIC rate 3 days prior and after the conference for reservations (if available).

US General Service Administration (GSA) prevailing lodging rate (\$199) is available with government ID. Show id at registration for adjustment. NUPIC reviews the hotel registration list and tries to identify all government workers to update reservations with the GSA rate in advance.





"The Westin Denver Downtown"



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2023 NUPIC Vendor Conference Preliminary Agenda

Tuesday June 13, 2023

1:00 pm - 7:00 pm: On-site Registration/Check in – Augusta room, Lobby/2nd floor, the Westin Denver Downtown

5:00 pm - 7:00 pm: Vendor Mixer - Augusta room, Lobby/2nd floor, the Westin Denver Downtown

Suppliers' information tables can be provided at nominal cost to share your company's literature during the conference. Vendor table proceeds are used to pay for mixer refreshments.

NOTE: details of annual NIAC meeting held Tuesday at same hotel to be posted at www.niac-usa.org

Wednesday June 14, 2023

7:00 am - 9:00 am: On –site Registration/Check – Confluence Foyer, Level 3

7:00 am - 8:00 am: Breakfast – Platte River Room, Level 3

8:00 am - 5:00 pm: 31st Annual NUPIC Vendor Meeting – Day 1, Confluence Ballroom

 $6{:}00~pm$ - $9{:}00~pm{:}$ NUPIC Vendor Dinner 6-9 pm with no-host bar starting at $5{:}30~pm$ -

Optional Wear your home team Jersey (any sport) dress up theme. Viewhouse eatery, Bar and Rooftop (across from Coors Field)

2015 Market St, Denver, Colorado 80205; Phone: 720-878-2015 Viewhouse is 5 blocks from hotel.

Thursday June 15, 2023

7:00 am - 8:00 am: Breakfast

8:00 am - 5:00 pm: 31st Annual NUPIC Vendor Meeting - Day 2, Confluence Ballroom

Planned Presentations for June 14-15, 2023 include:

- Keynote Presentation from DOE executive: Nuclear in National Energy Policy
- NIAC, NUPIC, NRC, NEI, and EPRI Program Updates
- NUPIC website use from vendor perspective
- Significance of vendor corrective action program and how to use for improvement.
- How your QA program can cover supplier activities (e.g., source inspection, survey, etc.)
- Common mistakes found during an audit, e.g., commercial grade dedication program, internal audit independence.
- Status of Small Module Reactor (SMR): presentations by TVA, NPPD, ENW, OPG
- SMR technology presentation, proposed projects and the new fuel plant under construction. Project and supply chain needs and requirements to support their needs.
- NQA-1 Standards committee proposal to make NQA-1 relevant by simplifying descriptions to address ease of understanding and use.
- 10 CFR Part 810 how to comply and not share information with foreign nationals.
- Pitfalls of implementing: NEI 14-05-A for calibration and test labs What to look for while auditing & OE implementation.
- New Plant updates: Barakah Nuclear Energy Plant Unit 1-4 by ENAC and Plant Vogtle 3-4 (SNC)
- NRC position on electrical cable jacket/insulation made with Decabromodiphenyl ether (decaBDE). This chemical is used as a flame retardant in a variety of products, including EQ rated electrical cable. EPA has a prohibition on its manufacture/transport.
- NRC Specific License for Entities to Procure Long Lead Components without an Owner, as it relates to Small Modular Reactors (SMR).

Still time to suggest a presentations by your company. Email Jeffrey.Kaar@pge.com



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2023 NUPIC Vendor Conference

TIPS TO ASSIST YOUR TRAVEL

Suppliers' Information Table

Limited free space provided for suppliers to share your company's literature handouts during Wednesday and Thursday's meetings. Vendors also have an option to purchase half or whole 8 ft table space (chairs included) for \$100 / \$200 fee that helps fund the Tuesday evening mixer. Just ask a Vendor Interface Committee member for information at sign in table or email Frances or Jeff listed below.

Frances Faulkenberg: Frances@GQAInc.com Jeff Kaar: jeffrey.kaar@pge.com

NIAC Meeting:

Look for details of NIAC meeting held Tuesday, June 13, 2023, at same hotel. NIAC meeting flyer at www.niac-usa.org.

Vendor Registration / Mixer:

NUPIC and vendor mixer held during registration on Tuesday evening after the NIAC meeting. Location of mixer is adjacent to NUPIC registration table - Hotel Level 2 – Augusta room.

NUPIC Vendor Complimentary Dinner

The NUPIC Vendor Dinner is an opportunity to network and socialize with meeting attendees. The dinner is at Viewhouse Eatery, Bar and Rooftop, across from Coors Field. Starts Wednesday, 6/14/23 from 6 PM - 9 PM. Optional wear your favorite home team Jersey (any sport). Your meeting registration fee includes the cost of dinner for one. Guests are welcome at \$75 each. The venue is 5 blocks from the hotel.

Questions?

Send meeting inquiries to John Larson jslarso@nppd.com, 402-825-5822; or Jeff at jeffrey.kaar@pge.com, phone 805-545-4176

Air/Ground Transportation

DEN airport is 25 miles from conference hotel; Uber to hotel approximately \$50. RTD Rail System runs from DEN to Union Station for \$10.50 fare 1-way, a 40-minute ride and the train runs about every 15 minutes (30 minutes on Sunday from the airport to downtown). Train station at DEN is connected to the airport. Very easy transition from baggage claim to the train station. Plenty of kiosks to purchase tickets. Handy luggage storage on train. RTD Train line ends at Union Square Downtown. Local taxi service at Union Station to hotel or Uber to hotel, which is 5 blocks away. No hotel shuttle provided. A free Mall Ride trolley picks up at side of Union Square and drops within block of hotel. Uber to hotel approximately \$10.

Hotel Parking & Light Rail:

Hotel Parking - \$46. Mall Ride Trolley and other bus lines pickup close to hotel.

Attractions:

Coors Field (Co. Rockies baseball) - 0.5 miles Civic Center Park / State Capitol - 1.0 miles Denver Art & History Museums - 1.0 miles Food, drink & activities in walking distance. Note: Colorado Rockies baseball home game Saturday 6/10 at 1PM.& Sunday 6/11 at 1PM.

Spouses Welcome:

We encourage attendees to bring their <u>spouses</u>. The hotel is located downtown in a very safe area. The free Mall Ride trolley and local bus lines provide safe and easy low-cost transportation. RTD Rail System at Union Station provides link to various Denver Metro locations.

Hotel Website:

https://book.passkey.com/event/50367407/owner/3485/home



Joint Audit and Limited Scope Audit Schedule July - December

^	: Category = Audits - NJ, LA and GA				-	-		-				,,,,
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
1413 (SR/PR/NP)	AMETEK INSTRUMENTATION & SPECIALTY CONTROLS - GRAND JUNCTION, CO	25351	DPC	NJ	09/2023	10/16/2023			DPC, EHN, IBE, TLN	XEL		
1159 (SR/PR/NP)	ASCO - FLORHAM PARK, NJ	25352	PSE	NJ	12/2023				AUE, NEC, PGE, WCN	SNC		
	4475 (SR/EX) ASCO - AIKEN, S	С										
1161 (SR/PR/NP)	AUTOMATIC VALVE CORP - NOVI MI	, 25353	DTE	NJ	07/2023	8/28/2023			CFE, IBE, NPP, SNC, TVA	CEG		
1171 (SR/PR/NP)	B S & B SAFETY SYSTEMS - TULSA, OK	25354	ENT	NJ	07/2023	7/18/2023			EHN, OPG, TLN, XEL	CEG		
5371 (SR/PR/NP)	BORAX FRANCAIS - COUDEKERQUE-BRANCHE, NA	25355	CEG	NJ	11/2023	12/4/2023			DOM, DPC, EHN, ENT	AEP		
1242 (SR/PR/NP)	BURNDY LLC - MANCHESTER, NH	1 25356	ENT	NJ	08/2023				AEP, AUE, CEG, NEE, WCN	SNC		
	5517 (SR/EX) FCI ELECTRICAL	LONDONI	DERRY, N	IH								
	1240 (SR/EX) BURNDY LLC - LI	NCOLN, NH	I									
	1241 (SR/EX) BURNDY LLC - LI	TTLETON, I	NH									
5420 (SR/PR/NP)	C & D TECHNOLOGIES INC HORSHAM, PA	25357	SNC	NJ	07/2023				NBP, NEK, NPP, PSE, XEL	PGE		
	1251 (SR/EX) C & D TECHNOLO	OGIES, INC.	- ATTICA	, IN								
1374 (SR/PR/NP)	CRANE NUCLEAR PFT CORP BOLINGBROOK, IL	25360	DTE	NJ	10/2023	10/16/2023			AEP, ETN, NEE, STP	PSE		
1782 (SR/PR/NP)	CRANE NUCLEAR PFT CORP KENNESAW, GA	25361	CEG	NJ	11/2023				DTE, ENT, NEK, SNN, STP	DPC		
2571 (SR/PR)	CURTISS-WRIGHT ELECTRO- MECHANICAL CORPORATION - CHESWICK, PA	25362	SNC	NJ	08/2023				BPL, CEG, DPC, PGE, XEL	CEG		
1533 (SR/PR/NP)	CURTISS-WRIGHT EST GROUP - HATFIELD, PA	25363	TLN	NJ	12/2023	12/4/2023			AEP, BPL, PSE, SNC	STP		
1084 (SR/PR/NP)	CURTISS-WRIGHT NUCLEAR DIVISION, ANATEC - BREA, CA	25364	PGE	NJ	09/2023	12/4/2023			APS, CEG, ENT, ENW, NEE	AEP		

Supp#	Supplier Name, Location	Aud #	Lead	Cat	Scheduled	Audit	Audit End	Closed	Team Members	Peer	Last	Days
о ч рр <i>п</i>	Supplier Name, 200ation	Aud #	Utility	- Out	Oonedalea	Entrance Date	Date	Date	Team members	Review	Update Date	Open
1963 SR/PR/NP)	ENGINE SYSTEMS, INC ROCKY MOUNT, NC	25370	DOM	NJ	11/2023	10/16/2023			APS, DOM, DPC, ETN, OPG, TVA	EHN		'
322 SR/PR/NP)	FAIRBANKS MORSE DEFENSE - BELOIT, WI	25480	SNC	LA	10/2023				DTE, EHN, PGE			
476 SR/PR/NP)	FLOWSERVE CORPORATION - RALEIGH, NC	25460	NPP	LA	08/2023				DOM, DPC, ENT			
249 SR/PR/NP)	FLOWSERVE CORPORATION PUMP DIVISION - VERNON, CA	25372	APS	NJ	10/2023	9/25/2023			EHN, NEC, NEK, NPP, SNN, TLN	CEG		
	1757 (SR/EX) FLOWSERVE CO CHARLOTTE, NC		N, CHARL	OTTE	NUC. SRV. CI	NTR						
	5749 (SR/EX) FLOWSERVE PU PA	MP CORPO	RATION F	PUMP [DIVISION - PH	IILLIPSBURG,						
	5750 (SR/EX) FLOWSERVE PU	MP CORPO	RATION F	PUMP [DIVISION - ME	MPHIS, TN						
575 SR/PR/NP)	FLUID COMPONENTS INTERNATIONAL LLC - SAN MARCOS, CA	25373	LUM	NJ	12/2023				CFE, ENT, ENW, OPG, STP	NPP		
2533 SR/PR/NP)	FLUKE BIOMEDICAL CO. (FLUKE ELECTRONICS) - CLEVELAND, OF		CEG	NJ	10/2023	10/16/2023			AEP, EHN, NBP, NEE, PSE	ENW		
125 SR/PR/NP)	FRONEK ANCHOR/DARLING ENTERPRISES, INC LACONIA, NH	25375	DOM	NJ	09/2023	9/25/2023			ENT, KNP, PGE, STP	DPC		
1633 (SR/PR)	FTI, INC SANDY SPRING, MD	25376	CEG	NJ	10/2023	11/6/2023			CFE, DOM, LUM	AUE		
1027 SR/PR/NP)	HITACHI ENERGY USA INC BLAND, VA	25377	CEG	NJ	07/2023	7/10/2023			AUE, DTE, EHN, OPG, TVA	APS		
5075 SR/PR/NP)	ILRT, INC LAND O LAKES, FL	25379	NPP	NJ	09/2023				DPC, EHN, LUM	CEG		
	6309 (SR/EX) ILRT INC HANN	IIBAL, NY										
1638 SR/PR/NP)	INTERGRAPH CORPORATION DBA HEXAGON PPM - NORCROSS, GA	25380	TVA	NJ	12/2023	12/4/2023			ENT, PGE, SNC	DPC		
	ITT ENGINEERED VALVES, LLC - LANCASTER, PA	25381	ENT	NJ	12/2023				APS, BPL, DPC, ETN, PSE	CEG		

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- прр п			Utility			Entrance Date	Date	Date		Review	Update Date	Open
1820 (SR/PR/NP)	JOSEPH OAT CORP CAN	MDEN, 25382	NEE	NJ	10/2023	10/2/2023			AUE, CEG, DPC, KNP, PSE	WCN	'	,
4870 (SR/PR/NP)	LEAK TESTING SPECIALIS - ORLANDO, FL	STS, INC. 25384	CEG	NJ	07/2023	7/17/2023			DPC, TLN, WCN	DTE		
4947 (SR/PR/NP)	MASS SPEC. SERVICES - ORANGEBURG, NY	25385	AUE	NJ	10/2023				DOM, LUM	CEG		
4659 (SR/PR/NP)	MISTRAS SERVICES - WATERFORD, CT	25388	TLN	NJ	12/2023				CEG, DPC, EHN, NEE, PSE	DOM		
	5860 (SR/EX) MISTRAS	SERVICES - NORT	HEAST R	EGION	AL OFFICE -	TRAINER, PA						
	1333 (SR/EX) MISTRAS	SERVICES - BURR	RIDGE, I	L								
	5714 (SR/EX) MISTRAS	SERVICES DIVISIO	N - MERI	RILLVIL	LE - MERRIL	LIVLE, IN						
	6308 (SR/EX) MISTRAS	SERVICES, INC N	JONROE	, NC								
1978 (SR/PR/NP)	MPR ASSOCIATES INC ALEXANDRIA, VA	25389	TLN	NJ	12/2023				CEG, EHN, NEE, OPG, XEL	DOM		
	5875 (SR/PR) MPR ASS	OCIATES - EAST LY	ME, CT									
	5876 (SR/PR) MPR ASS	OCIATES, INC HO	USTON,	TX								
2041 (SR/PR/NP)	NOVA MACHINE PRODUC - MIDDLEBURG HEIGHTS,		DOM	NJ	10/2023				BPL, NPP, SNC, TVA, VAT	AEP		
4640 (SR/PR/NP)	NWS TECHNOLOGIES - SPARTANBURG, SC	25393	DOM	NJ	11/2023	11/13/2023			ENT, OPG, SNC, STP	ENW		
2201 (SR/PR/NP)	PCI-PROMATEC - HOUSTO	ON, TX 25395	ENW	NJ	09/2023				DTE, ENT, IBE, NPP	APS		
2185 (SR/PR/NP)	PRECISION SURVEILLAND CORPORATION - EAST CH IN		STP	NJ	11/2023	1/8/2024			AUE, ENT, SNC, WCN	DOM		
2186 (SR/PR/NP)	PREFERRED ENGINEERIN DANBURY, CT	NG - 25398	CEG	NJ	11/2023	11/6/2023			DTE, EHN, NEE, TLN	XEL		
4019 (SR/PR/NP)	PRYSMIAN GROUP SPECI CABLES, LLC - WILLIMANT		NEE	NJ	11/2023	11/13/2023			APS, CEG, CFE, NEC, SNC, STP	DPC		
5937 (SR/PR/NP)	RED WOLF ASSOCIATES, CARY, NC	PLLC - 25401	EHN	NJ	10/2023	10/2/2023			CEG, TLN	SNC		

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1598 SR/PR/NP)	REUTER-STOKES LLC - TWINSBURG, OH	25402	XEL	NJ	08/2023	8/14/2023	8/18/2023		ENW, NPP, VAT	DPC		-101
2263 SR/PR/NP)	ROSEMOUNT NUCLEAR INSTRUMENTS INC CHANHASSEN, MN	25403	XEL	NJ	11/2023				AUE, NBP, NEC, NPP, TVA	DPC		
1449 SR/PR/NP)	SCL ITALIA SPA - LARDERELLO, PI	25405	NEE	NJ	12/2023				AUE, LUM, WCN	STP		
1340 SR/PR/NP)	SIGMA, INC CHARLESTOWN, IN	25406	ENT	NJ	11/2023				CEG, DOM, DPC, NEE	EHN		
:340 SR/PR/NP)	SOR INCORPORATED - LENEXA, KS	25408	CEG	NJ	10/2023	11/13/2023			AEP, OPG, STP, TPC, WCN	AUE		
5725 SR/PR/NP)	STONE & WEBSTER LLC - ROCK HILL, SC	25409	NEE	NJ	07/2023	8/21/2023			DOM, EHN, PGE, TLN	DOM		
	2376 (SR/EX) STONE & WEBST	ER LLC - DI	EDHAM, I	MA								
5213 SR/PR/NP)	SULZER PUMPS (US) INC CHATTANOOGA, TN	25411	NEE	NJ	07/2023	9/11/2023			BPL, DPC, ENW, PSE, SNC	CEG		
1118 SR/PR/NP)	TEAM INDUSTRIAL SERVICES, INC ALVIN, TX	25414	TVA	NJ	09/2023	10/16/2023			LUM, NBP, NPP, PGE	CEG		
	1592 (SR/EX) TEAM INDUSTRIA	L SERVICE	S, INC	CHARL	OTTE, NC							
2414 SR/PR/NP)	TECHNOLOGY FOR ENERGY (TEC) - KNOXVILLE, TN	25415	CEG	NJ	11/2023	11/27/2023			AEP, ENT, LUM, NEE	PGE		
5729 SR/PR/NP)	TRANSCO PRODUCTS, INC STREATOR, IL	25418	CEG	NJ	11/2023	11/13/2023			AUE, ENT, ENW, KNP, TLN	TVA		
2551 SR/PR/NP)	ULTRA ELECTRONICS - ROUND ROCK, TX	25420	TVA	NJ	08/2023	8/14/2023			BPL, CEG, CFE, DOM, DTE	EHN		
:521 SR/PR/NP)	VALCOR ENGINEERING CORPORATION - SPRINGFIELD, NJ	25422	DPC	NJ	08/2023	7/31/2023			APS, ENW, ETN, PSE	PGE		
5820 SR/PR/NP)	VALVTECHNOLOGIES LLC - HOUSTON, TX	25423	DPC	NJ	11/2023				APS, BPL, EHN, NEK, TLN	TLN		

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1010 [SR/PR/NP)	WESTINGHOUS ENGINEERING -	E AUTOMATION & WINDSOR, CT	25430	TVA	NJ	07/2023	7/24/2023	1		CEG, ETN, NEE, XEL	LUM	1	,
2572 SR/PR/NP)	WESTINGHOUS CFFF - HOPKINS		25424	AUE	NJ	08/2023	8/21/2023			AEP, APS, DOM, DPC, EHN, LUM, NEE, NEK, SNC, TVA, WCN	ENT		
	4707 (SR/EX)	WESTINGHOUSE	OGDEN (W	O) - OGD	EN, UT								
	5753 (SR/EX)	WESTINGHOUSE	SPECIALTY	/ METALS	S PLAN	Γ - BLAIRSVI	LLE, PA						
2578 (SR/PR/NP)	WESTINGHOUS COMPANY - NUC CRANBERRY TO	CLEAR FUEL -	25425	PGE	NJ	08/2023	8/14/2023			AEP, CEG, ENT, LUM	XEL		
		WESTINGHOUSE STANTON, PA	ELECTRIC	COMPAN	IY - NU(CLEAR FUEL	- NEW						
2576 (SR/PR/NP)	WESTINGHOUS CRANBERRY TV	E ENGINEERING - VP., PA	25426	APS	GA	07/2023	7/17/2023			AUE, NEC, PGE	CEG		
5829 (SR/PR/NP)	WESTINGHOUS SERVICES - MAI		25427	ENW	NJ	07/2023	7/24/2023			CEG, CFE, EHN, SNC, STP, WCN	NEE		
	1006 (SR/EX)	WESTINGHOUSE CHATTANOOGA, T		(FORMEI	RLY CE	NUC. SERVI	CES) -						
		WESTINGHOUSE CHARLOTTE, NC	INSTALLAT	ION & MO	ODIFICA	ATION SERV	CES -						
2244 (SR/PR/NP)	WESTINGHOUS HANDLING EQU - SHOREVIEW, N	IPMENT AND MAN	25428	LUM	NJ	07/2023	7/17/2023			KNP, NEE, XEL	CEG		
	6187 (SR/EX)	NUCRANE MANUF	ACTURING	- HUTCI	HINSON	I, MN							
9997 (SR/PR/NP)		E FUELS - MEGA NATOR - HOPKINS,		CEG	NJ	08/2023	8/14/2023				TVA		
5073 (SR/PR/NP)	WESTINGHOUS WARRENDALE,		25429	STP	NJ	07/2023	7/17/2023			DOM, DTE, EHN, SNC, WCN	CEG		
2577 SR/PR/NP)	WESTINGHOUS PARTS - NEW S		25431	NPP	GA	07/2023	•••••			AEP, DOM, NEK	APS		
1707 SR/EX/NP)	WESTINGHOUS OGDEN, UT	E OGDEN (WO) -	25475	AUE	NJ	08/2023	8/28/2023			CEG, DOM, EHN, TVA, WCN	STP		
2583 SR/PR/NP)	WESTINGHOUS MOTORS - MADI		25432	DPC	NJ	07/2023	7/24/2023			DOM, DTE, ENT, NBP, OPG, PGE	TVA		

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2575 (SR/PR/NP)	WESTINGHOUSE QUALITY PROGRAM - CRANBERRY TOWNSHIP, PA	25433	PSE	NJ	07/2023	7/17/2023			AUE, ENT, IBE, TVA	DPC		
5753 (SR/EX/NP)	WESTINGHOUSE SPECIALTY METALS PLANT - BLAIRSVILLE, PA	25474	PGE	NJ	08/2023	8/21/2023			IBE, PSE, STP, XEL	LUM		
9999 (SR/PR/NP)	WESTINGHOUSE-MEGA AUDIT COORDINATOR - CRANBERRY TOWNSHIP, PA	25435	AEP	NJ	07/2023	7/17/2023				ENT		



2023 Survey Schedule July - December

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1065 (CG/PR/NP)	AIRGAS, INC (CHICAGO, IL	25344	CEG	NC	07/2023	8/8/2023			EHN, NEE			
3057 (CG/PR/NP)	FLAWTECH, INC	C CONCORD, NC	25479	NPP	SMC	09/2023				AEP, AUE			
1116 (CG/PR/NP)	TE CONNECTIV LANDISVILLE, P		25349	DPC	NC	10/2023	10/16/2023			CEG, DOM, NPP, TVA			
	1114 (CG/EX)	TE CONNECTIVITY	2900 FMR -	- MIDDLI	ETOWN	, PA							
	5293 (CG/EX)	TE CONNECTIVITY	/ - LICKDALE	E - JONE	STOWN	N, PA							
	1111 (CG/EX)	TE CONNECTIVITY MECHANICSBURG		VANIA [DISTRIE	BUTION CEN	TER (PADC) -						