



# N U P I C

NUCLEAR PROCUREMENT ISSUES CORPORATION

Issue: May 2019

## Chair Message

By: Mark Coren (Duke Energy)

*“Allowing the supplier to manage deficiencies within their Corrective Action Program reduces the amount of time the supplier must expend resolving these issues and it reduces the amount of follow-up required by the audit team.....I have a good feeling that these 2 Efficiency Bulletins are having the positive impact that was anticipated back in 2016.”*

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## Chair Message

NUPIC at the 2019 NRC RIC

NUPIC was represented at the NRC’s 2019 Regulatory Information Conference held in Bethesda, MD March 12-14, 2019. The NRC requested that NUPIC provide an update on the impact of Efficiency Bulletins EB 16-28a and EB 16-28b on our audit processes. Back in 2016 the nuclear industry embarked on a multi-year strategy to transform the industry to ensure viability for our customers and the environment while maintaining our commitment to safety, reliability, and improving efficiencies. To participate in this industry strategy NUPIC incorporated 2 Efficiency Bulletins. EB 16-28a, Maximize NUPIC Vendor Audit Frequencies and EB 16-28b, Establish Common Finding/Deficiency Definition to be used during Vendor Audits.

In order to comply with EB 16-28a NUPIC updated its supplier audit schedule starting in January 2017 and extended NSSS and Fuel supplier audits to 36 months while extending all other supplier audits to 33 months. Currently there are three NSSS/Fuel suppliers, Westinghouse, Framatome, and GE-Hitachi. Starting in 2017 the NUPIC Audit schedule includes one of the NSSS/Fuel Supplier audits every July time frame. All other supplier audits are now performed on a 33-month schedule, or as close to 33 months as possible. In preparation for the presentation at the NRC RIC I went back over the past 2 years to determine how close we were to the target of 33 months. Of course, I was pleasantly surprised that we are hitting the target or better 83% of the time. There was one instance that went beyond the 36 months, but that was caused by Hurricane Harvey slamming the Texas Coastline and flooding the Houston area.

NUPIC also incorporated EB 16-28b into our processes by introducing and defining a “deficiency” to capture minor issues identified during an audit. These minor issues are captured in the supplier’s Corrective Action Program and evaluated for effectiveness at the next scheduled audit. Looking back over the trends for the past 2 years NUPIC audit findings have been reclassified as “deficiencies” 66% of the time. This means that only a 3<sup>rd</sup> of the items identified during NUPIC audits are now classified as findings. Allowing the supplier to manage deficiencies within their Corrective Action Program reduces the amount of time the supplier must expend resolving these issues and it reduces the amount of follow-up required by the audit team.

We are 2 years into this 3-year audit cycle, and I’ve been told to hold my enthusiasm until we complete 2019 and start the next 3-year cycle. But, I have a good feeling that these 2 Efficiency Bulletins are having the positive impact that was anticipated back in 2016.

If you haven’t already, you will soon be receiving the information regarding the June 2019 NUPIC Vendor Conference. This year’s conference will be held at the Hyatt Regency River Front in Jacksonville, FL. The registration link is on the NUPIC website Home page under Supplier Information.

I’ll see you in Jacksonville, so come by and say HI!!!



# NUPIC

NUCLEAR PROCUREMENT ISSUES CORPORATION

## NUPIC TRAINING COMMITTEE: TWO THUMBS WAY UP FOR TRAINING

*By: Diona Russell, DTE  
NUPIC Training  
Committee Chair*



The NUPIC Training Committee successfully hosted the very well attended 2019 NUPIC Auditor Training Conference this past January in St. Petersburg, FL! Both days of training were kicked off by an Energetic Keynote Presenter, Lee Ann Piano. She educated us on Leadership, Influencing thought Impact, and Communication Keys though Personality Styles. We were presented with technical subjects including: 10 CFR Part 21; the NRC response to Auditor Independence; the updates to ILAC. A live NUPIC Website demonstration was conducted that included answering audience questions on the website and the NUPIC mobile app. Additional topics included various areas to aid in facilitating the NUPIC auditing processes. Highlights of those additional training topics included: audit time management; interviewing techniques; helping your technical specialists; and reviewing checklist expectations. There was a great deal of knowledge sharing and engagement from the auditors in attendance. The NUPIC Training Committee thanks everyone for the participation, compelling questions, and feedback!! We would also like to thank all of our volunteer presenters who took their time to prepare and share their knowledge.

NUPIC Audit Team Leader Training by EPRI is available for registration on the EPRI U website. This course is intended for experienced auditors who will be leading NUPIC audits. The course is designed to communicate the skills and information necessary to complete a NUPIC audit. The course is scheduled for August 13-15, 2019 at EPRI in Charlotte, NC. Use the following link to register (note must have EPRI login), <https://epri.csod.com/LMS/LoDetails/DetailsLO.aspx?lold=7621c6bf-8875-4bcb-813e-dbf490523066> or search for course CLTNUPIC0819 on EPRI U.

The Training Committee is continuing to work on new Training Modules and a Knowledge Transfer Database that will be available on the NUPIC website for various topics related to NUPIC tasks and performing audits/surveys. The Training Committee is also continuing to work with the IT Committee and ETHANY to restructure the Training portion of the NUPIC website. These changes will make it easier to navigate, and will include the new Training Modules and Knowledge Transfer Database.

The Auditor Training Meeting and NUPIC Training Modules, Presentations, and Knowledge Transfer Database are for ALL to benefit from our knowledge sharing. Your input and feedback concerning NUPIC training are always welcomed and appreciated. Contact your utility's NUPIC representative or one of the NUPIC Training Committee members with ideas!



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## REINTRODUCING MR. GREG GALLETTI, US NUCLEAR REGULATORY COMMISSION

*By: Earl Mayhorn, Ameren*



Mr. Greg Galletti requires no introduction since he has maintained a regular presence at NRC Workshops on Vendor Oversight, NUPIC Vendor Meetings and other industry forums for a number of years. In fact, Mr. Galletti has provided numerous presentations and served on panel discussions at these forums. However, with the retirement of Rich McIntyre from the NRC last year, Mr. Galletti has assumed the role of NUPIC's primary liaison within the NRC. In this role, he attends NUPIC Meetings and coordinates with NUPIC on NRC observations of NUPIC Audits among other things.

Greg is a Senior Reactor Operations Engineer in the Division of Construction Inspection & Operational Programs in the Office of New Reactors. Greg recently celebrated 30 years with the NRC, initially hired as a Human Factors Engineer in the Office of Nuclear Reactor Regulation and was responsible for overseeing the closure of several Three Mile Island (TMI) Action Items associated with NRC's inspection program on the Plant Emergency Operating Procedure Development and Control Room Design Reviews.

For the Past 20 years Greg has been a NRC Inspection Team Leader on Vendor Inspections, Licensing and Design Certification QA Inspections, and is currently the Lead Vendor Inspector for Digital System design and implementation inspections.

Greg Holds a BS degree from the University of Michigan and a Master's Degree in Industrial Engineering from the University of Massachusetts. When not immersed in nuclear related activities, Greg enjoys working on his vintage John Deere Tractors and 60's Era Muscle Cars. You will continue to see him presenting at NUPIC Meetings and other industry forums. When you do, be sure to say hello and congratulate him on this expanded role with NUPIC.

## NUCLEAR FUEL COMMITTEE ACTIVITIES

*By: John Larson (Nebraska Public Power)*

The three Affinity Group Meetings are planned for: May 7-8 (Framatome), May 15-16 (Westinghouse), and May 23-24 (Global Nuclear Fuel). The Framatome Chair position is currently vacant and Michelle Hynes of Exelon is temporarily filling that role; Westinghouse Chair is Erich Wurz of Exelon; and Global Nuclear Fuel Chair is John Larson of Nebraska Public Power District. The Annual Combined Affinity Group Meeting is planned for Monday, October 7 as part of the Fall 2019 NUPIC Meeting in Arlington VA. Assumed continuing strong support for these oversight groups was a key basis for extending the NUPIC audit frequency to 36 months for each fuel fabricator. The Affinity Groups expect to support these audits through shared surveillances and technical specialists. Shared surveillances not only are a more efficient use of utility oversight budgets, but these joint utility teams produce more effective results. Ongoing NUPIC program development intends to include these results into the program audit conclusions. For more information on the Nuclear Fuel Committee, contact NFC Chair John Larson at the NPP Cooper Nuclear Station (402) 825-5822.



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## UPDATE ON STATUS OF NRC'S RECOGNITION OF ISO/IEC 17025:2017

By: Earl Mayhorn, Ameren

Start spreading the news. The United States Nuclear Regulatory Commission (USNRC) has completed its review of ISO/IEC 17025:2017, "General Requirements for the Competence of Testing and Calibration Laboratories" based on NUPIC/NEI's request for NRC's recognition of ISO/IEC 17025:2017 in the same manner that NRC recognized ISO/IEC 17025:2005. In a letter dated April 16, 2019, the NRC concluded that the 2005 and 2017 versions of the ISO/IEC 17025 standard are equivalent in terms of technical and quality requirements. As a result, both versions are recognized by the NRC and can be utilized to accept commercial calibration and testing services in lieu of commercial grade survey during the commercial grade dedication process. Also, according to the NRC's provisional letter, the use of the ILAC Process based on laboratories accredited to ISO/IEC 17025:2017 is not considered a reduction in quality commitments. As a result, changes to quality programs do not require NRC approval of a licensee's or supplier of basic components QA program prior to implementation. It is important to note that the NRC's recognition of both ISO/IEC 17025:2005 and ISO/IEC 17025:2017 is only valid through the ISO/IEC transition period which ends on November 30, 2020. After this date, ISO/IEC 17025:2005 will no longer be valid for accreditation and all laboratories that are accredited by or seeking accreditation from Accreditation Bodies (AB's) that are signatories to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Agreement (MRA) must achieve accreditation to ISO/IEC 17025:2017. In order to maintain the NRC's recognition of ISO/IEC 17025:2017 beyond November 30, 2020, Nuclear Procurement Issues Corporation (NUPIC)/Nuclear Energy Institute (NEI) must submit an update to NEI 14-05A, "Guidelines for the Use of Accreditation in Lieu of Commercial Grade Surveys for Procurement of Laboratory Calibration and Test Services" for the NRC's acceptance. Currently, NEI 14-05A identifies accreditation to ISO/IEC 17025:2005 as the basis for implementation of the ILAC process and needs to be updated to identify ISO/IEC 17025:2017 as the basis.

### **Endorsement of ISO/IEC 17025:2017**

The International Standard Organization (ISO)/International Electrotechnical Commission (IEC) released ISO/IEC 17025:2017 in November 2017 with the expressed intent to phase out ISO/IEC 17025:2005 over a three year period that ends on November 30, 2020. During the transition period, ISO/IEC recognizes both versions of the standard as equally acceptable. A three year transition period is normal for the implementation of ISO standards.

Based on the release of ISO/IEC 17025:2017, the nuclear industry must complete the following actions to support continued use of the ILAC process:

1) Obtain the NRC's recognition of IEC/ISO 17025:2017 during the transition period. The NRC's recognition of ISO/IEC 17025:2017 was obtained through the NRC Letter dated April 16, 2019 as referenced above (ADAMS Ascension # ML19056A451).

2) Obtain the NRC's recognition of ISO/IEC 17025:2017 beyond the transition period. NEI 14-05A is the industry document that describes the ILAC process based on AB's being signatories to the ILAC MRA. The current revision of NEI 14-05A, which is based on laboratories' accreditation to ISO/IEC 17025:2005, will need to be revised to adopt ISO/IEC 17025:2017 as the ILAC process basis and submitted to the NRC to obtain their endorsement in the same manner as NEI 14-05A revision 0. NUPIC/NEI is currently preparing a revision to NEI 14-05A that will reference ISO/IEC 17025:2017, implement editorial enhancements as well as address clarification on the need for a commercial grade technical evaluation for calibration and testing services, and other items of interest to the industry.

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## UPDATE ON STATUS OF NRC'S RECOGNITION OF ISO/IEC 17025:2017 *(continued)*

The proposed revision will be submitted to the NRC by June 30, 2019 requesting NRC recognition. If accepted by the NRC, their recognition of the revision to NEI 14-05A will likely come in the form of a NRC Safety Evaluation Report (SER) hopefully by the end of 2019. This should give the industry including licensees and suppliers of basic components ample time to make changes to their quality assurance programs (if needed) well before the end of the transition period on November 30, 2020. The anticipated changes to NEI 14-05A also do not represent reduction in commitment to quality and should not require NRC approval of a licensee's or supplier of basic components QA program prior to implementation.

### ***Required Changes to QA Program***

In order to use calibration and test laboratories that are accredited to ISO/IEC 17025:2017, licensees and suppliers of basic components must revise their quality assurance programs to add provisions for the use of ISO/IEC 17025:2017 while maintaining the provisions for use of ISO/IEC 17025:2005 during the transition period. This is necessary since some laboratories will maintain accreditation to the 2005 version well into 2020.

The required QA program provisions that must be in place for the use of ISO/IEC 17025:2017 are essentially identical to those for ISO/IEC 17025:2005. The following information should be included in the QA programs for both licensees and suppliers of basic components:

***When purchasing commercial grade calibration or testing services from a laboratory holding accreditation by an accrediting body recognized by the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA), commercial grade surveys need not be performed provided each of the following conditions are met:***

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 17025:2005 or 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 tolerance uncertainty.***
2. ***The purchase documents require that:***
  - a. ***The service must be provided in accordance with their accredited ISO/IEC 17025:2005 or 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)***
  - 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.***

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**UPDATE ON STATUS OF NRC'S RECOGNITION OF ISO/IEC 17025:2017** *(continued)*

*e. 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.*

**1. 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 17025:2005 or ISO/IEC-17025:2017 program, and has been performed within their scope of accreditation, and*
- b. The purchase order's requirements are met.*



For licensees and suppliers with a topical report/QA Program Description (QAPD) that has been reviewed and accepted by the NRC, this information must be put into the QA manual and procedures. For suppliers of basic components for which the NRC is not required to approve their quality program manual, the above information can be inserted into the QA program manual and/or procedures. In both cases, these changes are not considered a reduction in commitment to quality requirements and do not require NRC's approval of the QA manual prior to implementation.

***Post Transition Period***

After November 30, 2020, accreditations to ISO/IEC 17025:2005 will be null and void and only accreditation to ISO/IEC 17025:2017 will be possible under the ILAC Process. All AB's that are signatories to the ILAC MRA have developed transition plans to ensure all laboratories currently accredited or seeking accreditation will meet this deadline.

It is important to note that the impending revision to NEI 14-05A may include additional provisions and conditions for continued use of the ILAC Process beyond the transition period. Such provisions may include requiring licensees and suppliers of basic components to place in their purchase orders provisions for disallowing subcontracting of calibration and testing services when the ILAC Process is utilized.

The NRC's Provision Recognition Letter (ADAMS Ascension No. ML19056A451) has been sent to contact persons for those suppliers listed in the NUPIC database and has been posted on the NUPIC website at [www.NUPIC.com](http://www.NUPIC.com) under the Supplier Information/ Hot topics tab. The link below can be used to access the letter. <https://www.nupic.com/NUPIC/Home/HotTopics.aspx>

For additional information, please direct questions to Earl Mayhorn at [emayhorn@ameren.com](mailto:emayhorn@ameren.com).



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## 2019 NUPIC VENDOR CONFERENCE, JUNE 19-20, 2019

By: *Jeff Kaar (Pacific Gas and Electric)*

On Wednesday & Thursday, June 19-20, 2019, NUPIC will host its 28th annual NUPIC Vendor Meeting in Jacksonville, FL. The meeting will be held at the Hyatt Regency Jacksonville (FL)-Riverfront Hotel on St. John's River in downtown Jacksonville. This meeting continues to serve as our principal annual outreach which brings together utility personnel, suppliers, potential suppliers, NRC, EPRI, and other stakeholders in the nuclear supply chain. The meeting will include topics of interest to all and breakout sessions designed to increase discussion and encourage participation. Meeting topics will include the following: Keynote Address; NRC Updates; NUPIC Initiatives; Calibration and Test Laboratory qualification per NEI 14-05A and ILAC process; Update on New Nuclear Power Plant Construction; Reverse Engineering; Maintaining Independence during Internal Audits; hot industry topics; and Q & A Sessions.

We invite participants of previous meetings and new participants as well to come and experience first-hand the information sharing, dialogue, and networking. Register and make your hotel reservations today. Additional meeting details including hotel and registration information can be found by visiting [www.nupic.com](http://www.nupic.com) and clicking the links at the bottom of the HOME screen for accessing the "Vendor Registration" link, "Hotel Registration" link and "Vendor Meeting-Informational Flyer" link. While this is not a trade show, information tables will be available for suppliers to set out brochures, pamphlets, and other literature and information. A Vendor mixer Tuesday night will be adjacent to Registration area, Wednesday Conference dinner, and optional spouse activity trips to Amelia Island (Tuesday) and/or St. Augustine (Thursday) are open to all registered attendees.





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NUCLEAR PROCUREMENT ISSUES CORPORATION

*You are invited to attend the....*

**28th Annual  
NUPIC Vendor Conference  
Wednesday-Thursday  
June 19 - 20, 2019  
at**

**Hyatt Regency Jacksonville-Riverfront  
225 E. Coastline Drive, Jacksonville, FL 32202  
(904) 588-1234**

**Hotel Registration Deadline:  
May 25, 2019**

***Vendor Meeting Advance Registration  
Deadline: May 30, 2019***

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**28th Annual NUPIC Vendor Meeting  
June 19 - 20, 2019  
Hyatt Regency Jacksonville-Riverfront**

**Registration for the NUPIC Meeting:**

Please follow the two Registration steps on the [www.NUPIC.com](http://www.NUPIC.com) Home page:

1) Click on **“Vendor Registration – June 2019 NUPIC Conference”**.

The meeting registration fee is **\$400.00** per attendee. The fee covers the costs for:

- Continental breakfasts
- Refreshments during the meeting
- Lunch and Dinner on Wednesday, June 19th

Electronic copies of meeting presentations will be made available to each attendee. Guests of registrants may attend the Dinner at a cost of **\$75.00** per person. Payment by either credit card or check is available during registering. If you select payment by check, please submit a check by mail to the address below. Please make check payable to NUPIC and include a copy of the email registration confirmation notice to:



Ethany Corporation  
c/o Michael Buel – NUPIC Treasurer  
19 Main Street  
Scottsville, NY 14546

**Conference Advanced Registration Deadline is Thursday - May 30, 2019**

2) Click on **“Hotel Registration – June 2019 NUPIC Conference”**.

Conference hotel is:

**Hyatt Regency Jacksonville Riverfront  
225 E. Coastline Drive  
Jacksonville, FL 32202  
Phone: (904) 588-1234**



Accommodations include a Single and Double occupancy guestroom at \$163/night. The “Hotel Registration” link below or on the NUPIC Home page will take you to the hotel’s on-line booking site for the meeting. Once you are connected to the site, enter your check in and check out dates. Click the select button for room type, check your dates are correct and click continue. You can enter your guest information or your Hyatt Rewards #, then enter your payment option. Once all required information has been entered, your reservation will be confirmed and followed by an email. Reservations can also be made by calling the hotel directly at **1 888-421-1442** or (904) 588-1234 and request the **NUPIC** rate. The hotel will also honor NUPIC rate 3 days prior and after the conference both online or via phone.

Hyatt hotel registration link: <https://www.hyatt.com/en-US/group-booking/JAXRJ/G-NUPI>

**Hotel Registration Deadline is Saturday - May 25, 2019**

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## 28th Annual NUPIC Vendor Meeting June 19 - 20, 2019 Hyatt Regency Jacksonville-Riverfront

### Preliminary Agenda

#### Tuesday June 18, 2019

8:30 am - 5 pm: Spouse Activity- Day trip to Amelia Island - (advanced registration required)

12:00 pm – 8:00 pm: On-site Registration/Check in - Hyatt Regency Jacksonville Riverfront

5:00 pm - 8:00 pm: Vendor Mixer close to check-in, 2nd floor Foyer, Hyatt Regency Riverfront

Suppliers' information tables provided at nominal cost to share your company's literature during conference. Vendor table proceeds will be 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](http://www.niac-usa.org).

#### Wednesday June 19, 2019

7:00 am – 9:00 am On –site Registration/Check in

7:00 am – 8:00 am Continental Breakfast

8:00 am – 5:00 pm 28th Annual NUPIC Vendor Meeting – Day 1

6:00 pm – 9:00 pm NUPIC Vendor Dinner 6-9 pm with no-host bar starting at 5:30 pm - Day 1

#### Thursday June 20, 2019

7:00 am – 8:00 am Continental Breakfast

8:00 am – 5:00 pm 28th Annual NUPIC Vendor Meeting – Day 2

8:30 AM to 5 PM: Spouse Activity Day trip to St. Augustine, FL (advanced registration required)

Planned Presentations and workshop topics include:

- Keynote Presentation from Nuclear Utility Executive
- Nuclear Regulatory Commission (NRC) Updates and Presentation
- NIAC Program Status
- Commercial Grade Dedication / Reverse Engineering Guidance
- ILAC Implementation Process for accepting National/International Calibration and Test Laboratories services in accordance with NRC Safety Evaluation and NEI 14-05A
- Counterfeit and Fraudulent Material Identification
- Status of new plant builds - ENEC / SNC
- Overview of reactor types (PWR, BWR, AP1000, etc.)
- Additive Manufacturing / 3-D printing
- Auditor Independence
- SIL (Safety Integrity Level)
- How do I get a NUPIC Audit? How to host, what's expected, feedback from auditors & vendors
- History of NUPIC, including the NRC involvement with NUPIC (& new checklist)
- Decommissioning from a recently closed power plant. (business opportunities)
- Proper response/actions for Deficiencies and Findings. What's different?
- Updates on NUPIC Initiatives & Activities
- Other hot industry topics
- Q & A Session

*A detailed agenda and list of attendees will be distributed prior to the meeting.*

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**28th Annual NUPIC Vendor Meeting  
June 19 - 20, 2019  
Hyatt Regency Jacksonville-Riverfront**

## TIPS TO ASSIST YOUR TRAVEL...

### Suppliers' Information Table

Space will be provided for suppliers to share your company's literature handouts during Wednesday and Thursday's meetings at a modest charge. Just ask a Vendor Interface Committee member for information at sign in table or email Frances or Kevin listed below.

### Vendor registration/mixer:

Look for details of annual NIAC meeting held Tuesday, June 18, 2019 at same hotel. NIAC meeting flyer will be posted at [www.niac-usa.org](http://www.niac-usa.org). Also, a NUPIC and vendor mixer held during registration on Tuesday after the NIAC meeting. Location of mixer will be adjacent to NUPIC registration table. Vendors may donate for food & drink in exchange for vendor table space by sending an email to Frances Faulkenberg at [Frances@GQAInc.com](mailto:Frances@GQAInc.com) or Kevin Buckley at [kevin.buckley@exeloncorp.com](mailto:kevin.buckley@exeloncorp.com).

### NUPIC Vendor Dinner

The NUPIC/Vendor Dinner is an excellent opportunity to network and socialize with meeting attendees. The dinner will be Wednesday June 19, 2019 between 6 pm and 9 pm. The meeting registration fee includes the cost of dinner for one. Guests are welcome at an additional \$75 each.

### Questions?

Inquiries regarding the meeting should be directed to:  
John Larson

[jslarso@nppd.com](mailto:jslarso@nppd.com) or 402-825-5822

Jeff Kaar

[jbk1@pge.com](mailto:jbk1@pge.com) or 805-545-4176

Kevin Buckley

[kevin.buckley@exeloncorp.com](mailto:kevin.buckley@exeloncorp.com) or

315-349-4131



### Air/Ground Transportation

The Hyatt Regency Jacksonville Riverfront Hotel is located on the St. John's River in the downtown area. The Hyatt's preferred Airport ground transportation company is Go Airport Express who offer private car, SUV and shared Shuttle van service from the airport to the hotel. Their phone is 904-722-9494 or on-line booking at Go Airport: <https://www.ectjax.com/hyatt-self-pay>. Cab fare from JAX airport is \$45 w/ tip, for the 16-mile ride.

### More Go Airport Express information:

Hourly airport shuttle leaves on top of every hour. Shuttle operates 7-days a week:  
-Airport Arrival Shuttles 10:00 am – 7:00 pm.  
-Hotel Departure Shuttles 5:00 am – 5:00 pm  
The Hourly Shuttle is \$25 per reservation, and \$10 per additional guest within that reservation. For individual or groups rides outside the above hours or any time can be booked. The chauffeur is at airport when the plane lands and car is ready to go when the guests are:  
-GO Anyway \$42.00 - 1 or 2 guests (for car), each additional guest is \$10.00 each  
-GO Sedan \$55.00 – 1 or 2 guests (for car)  
-GO SUV \$102.00 – up to 5 guests (for car).

### Hotel Parking Courtesy Shuttle:

Hotel shuttle within a 3-mile radius runs from 5 am- 10 am and again 5 pm - 9 pm. For details ask at concierge desk or the front doorman.

Hotel Self Park - \$20 (overnight); \$25 Valet

Hotel website:

<https://www.hyatt.com/en-US/hotel/florida/hyatt-regency-jacksonville-riverfront/jaxrj>

### Water Taxi:

A water taxi service picks up at the adjacent "Landing" Mall which has restaurants and tourist shopping. The water taxi does a loop to restaurants on both sides of the river (River City Brew House, Ruth's Chris Steakhouse, Jaguar Football Stadium and Intuition Brew House). The water taxi is \$10 round trip.

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## 28th Annual NUPIC Vendor Meeting June 19 - 20, 2019 Hyatt Regency Jacksonville-Riverfront

### Spouse events:

We encourage attendees to bring their spouses! The hotel has a courtesy van to shuttle guests within a 3-mile radius from 5-10 am and again 5-9 pm. A water taxi (\$10 round trip) stops within a block of the Hyatt that runs a 30-minute loop with 5 restaurant and public park stops on both sides of the river. Jacksonville Skyway monorail ( <https://www.jtafla.com/schedules/skyway/> ) is free with a station 8 blocks away is serviced by the hotel shuttle van. The Skyway at museum, shopping center and parks (see "View brochure at above web site).

If there is sufficient interest, a round trip bus trip will be chartered from hotel to Amelia Island Tuesday - see [https://www.exploreamelia.com/Fernandina\\_Beach.shtml#map](https://www.exploreamelia.com/Fernandina_Beach.shtml#map) . This 35-mile one-way trip North East of Jacksonville would depart about 8:30 am and return by 5 pm.

Also, if enough interest, on Thursday a round trip bus trip will be chartered from hotel to St. Augustine, FL - see <https://www.visitstaugustine.com/> . This 35-mile one-way trip South East of Jacksonville would depart about 8:30 am and return by 5 pm.

Both places have historic fort & sites, shopping, local tourist "hop-on / hop-off" trolley (see the above website for local trolley description and cost) and beautiful beaches. Both locations would be day trips departing hotel at 8:30 AM and return by 5 PM. The air-conditioned van or bus would stay at each location giving you a home base to leave belongings on bus and return to during the day. The bus will also run a loop between the downtown area to the historic fort and beach area then return to the downtown by the local trolley pickup / drop off point. The transportation company has vehicles of varying capacity up to 56 passengers and we will reserve an appropriate size based on sign ups. Minimum pre-commitment is 12 passengers for smallest van. We estimate the roundtrip cost at \$50/per trip and may decrease if well attended. Children would be 1/2 price.

If interested in reserving a spot or for additional information, send an email by May 25, 2019 to [NUPICspouseEvent@ethany.com](mailto:NUPICspouseEvent@ethany.com) with your request.

Again, enough interest is needed to pre-charter Amelia island or St. Augustine transportation.

We look forward to seeing you at the NUPIC Vendor conference in Jacksonville, FL





# N U P I C

NUCLEAR PROCUREMENT ISSUES CORPORATION

## VENDOR INTERFACE (AND MEETING PLANNING) COMMITTEE

By: *Jeff Kaar (Pacific Gas and Electric)*

The VIC committee is charged with siting all three NUPIC general meetings and planning the June Vendor meeting. City and hotels are identified 18 months in advance with contracts in place one year prior to our October and January meetings. The June vendor meeting due to its larger size typically requires 30 months advance hotel selection with the goal of signing a contract two years in advance. Early planning allows more city and hotel choices that meet NUPIC criteria for room and food cost, ease of airline and land transportation to hotel and walkability from hotel to local restaurants and points of interest. The Fall meeting allows a wide range of locations and can be held in September-October. Future fall meetings will target September to avoid fall power plant outages and Columbus Day holiday.

The January meeting has adopted the week between National Football League conference (AFC/NFC) championship games and the Super Bowl. This minimizes flying on "Big Games" Sunday. As the January conference includes the annual NUPIC auditor training workshop, a warm weather site is preferred. Orlando, Tampa / St. Petersburg have been recent locations and other Florida cities are being considered for future years due to their warm weather and shorter flight distance for most domestic nuclear utilities.

The vendor conference in June targets mid-June to avoid school graduations in early June, Father's Day and late June graduations (such as in Canada). The June meetings are rotated regionally in hopes that local companies can send more attendees when travel costs are lower. The Midwest (2018 Cleveland, OH), Southeast (2019 Jacksonville, FL), Northeast (2020 Baltimore, MD) and Southwest (2021 Austin, TX) have all been contracted using this model. Potential locations for June 2022 include Indianapolis, Minneapolis, Cleveland and Detroit.

VIC is always open to utilities helping host a meeting, especially if utility has an existing contract with a local hotel that NUPIC can utilize for cost savings and if the local utility can help with meeting coordination and administrative support. The local utility should then have lower travel costs and ability to send more staff to attend the meeting. The committee is also open to new members interested in helping. VIC committee assignments are listed below in **BOLD** with \* showing openings. If interested, please contact Jeff Kaar ([jbk1@pge.com](mailto:jbk1@pge.com)).

1. Pre-meeting room set up and AV check – (often done by International member as they arrive early for body clock time adjustment)
2. Menu selection
3. Food monitoring day of event & menu review
4. **Microphone and AV day of event \*** (need coordinator and support team)
5. Comment card coordinator
6. **Lead registration person \***
7. **Meeting day lead \* / Master of Ceremony (M/C)**
8. **Social coordinator \*** (Plan mixers, Vendor dinner & Spouse events)
9. **Agenda & Speaker Coordinator \***
10. Clean up coordinator

Existing VIC members are:

Kevin Buckley (EXL), Tom Cannon (BPL), Michael Hedden (DOM), Herbert Mays (ENT), Leslie McGinnis-Bensend (XEL), Michael Buel (WCN, Treasurer), Jay Colwell (XEL, Newsletter), Jeff DeFebo (PSE, NOC liaison), Hussain Al Jaber (ENE, Newsletter), Diona Russell (DTE, Training Committee liaison), John Larson (NPD, emeritus Chairman), Jeff Kaar (PGE, Chairman)



**N U P I C**

**NUCLEAR PROCUREMENT ISSUES CORPORATION**

**2019  
Joint Audit and  
Limited Scope Audit  
Schedule  
July - December**

## Audit/Survey Information - Summary

Search Criteria: Category = Audits - NJ, LA and GA ONLY, Member Criteria = Leads Only, Audit/Survey Status = All Audit/Surveys, Start Date = 07/01/2019, End Date = 12/31/2019, 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
2512 (SR/PR/NP)	AECOM ENERGY & CONSTRUCTION, INC. - PRINCETON, NJ	24708	DPC	NJ	08/2019			AEP, ENT, EXL, LUM	WCN		
5929 (SR/EX)	AECOM ENERGY & CONSTRUCTION - FORT MILL, SC										
5930 (SR/EX)	AECOM ENERGY & CONSTRUCTION - WARRENVILLE, IL										
2337 (SR/PR/NP)	AMETEK SOLIDSTATE CONTROLS - COLUMBUS, OH	24711	SOC	NJ	07/2019			APS, DPC, ETN, PSE	ENT		
1138 (SR/PR/NP)	ARCOS INDUSTRIES, LLC - MOUNT CARMEL, PA	24713	PGE	NJ	08/2019			DPC, IBE, NBP, VAT	DPC		
5169 (SR/PR/NP)	AREVA NP - CHALON SUR SAONE CEDEX, FR	24714	WCN	NJ	09/2019			AUE, ETN, EXL, VAT	EXL		
1588 (SR/EX)	AREVA NP - PARIS, FR										
5921 (SR/PR/NP)	BENTLEY SYSTEMS, INC. (STAAD.PRO OFFICE) - ANAHEIM, CA	24716	EXL	NJ	08/2019			AEP, ENT, OPG	XEL		
1508 (SR/EX)	BENTLEY SYSTEMS INC - WALNUT CREEK, CA										
1224 (SR/PR/NP)	BNL INDUSTRIES INC - VERNON, CT	24718	LUM	NJ	08/2019			DOM, NEE, SOC	EXL		
1275 (SR/PR/NP)	CARBOLINE COMPANY - ST. LOUIS, MO	24723	FEC	NJ	10/2019			CFE, DPC, ENW, NEE	NPP		
5936 (SR/EX)	CARBOLINE COMPANY - GREEN BAY, WI										
2513 (SR/PR/NP)	CARRIER- RCD, DIVISION OF UNITED TECHNOLOGIES CO - CHATTANOOGA, TN	24724	DPC	NJ	07/2019			APS, DOM, FEC	EXL		
5894 (SR/EX)	CARRIER - RCD, DIVISION OF UNITED TECHNOLOGIES CO - SYRACUSE, NY										
1346 (SR/PR/NP)	CONTINENTAL DISC CORPORATION - LIBERTY, MO	24728	DOM	NJ	10/2019			APS, PSE, SNC, WCN	EXL		
1545 (SR/PR/NP)	CURTISS WRIGHT NUCLEAR DIVISION (QUALTECH NP) - CINCINNATI, OH	24729	PSE	NJ	10/2019			APS, DTE, FEC, NBP, TPC	EXL		
1865 (SR/PR/NP)	CURTISS-WRIGHT NUCLEAR DIVISION, LMT - HUTCHINSON, MN	24730	DOM	NJ	10/2019			AUE, EXL, SNC	XEL		
1436 (SR/PR/NP)	CURTISS-WRIGHT STEAM & AIR SOLUTIONS - WELLSVILLE, NY	24782	DOM	NJ	10/2019			APS, ETN, FEC, IBE, LUM, NPP	TVA		

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6091 (SR/PR/NP)	CURTISS-WRIGHT, NUCLEAR DIVISION: BERWICK OPERATIONS - BERWICK, PA	24731	TLN	NJ	08/2019	2/7/2019	2/22/2019	NBP, STP	ENW		
1426 (SR/PR)	DRAGON VALVES, INC. - NORWALK, CA	24734	ENT	NJ	07/2019			EXL, PGE, SOC, WCN	AUE		
2624 (SR/PR/NP)	ENERSYS DELAWARE INC. - READING, PA 5214 (SR/EX) ENERSYS DELAWARE INC. - HAYS, KS	24738	NEE	NJ	09/2019			DOM, ENT, ENW, EXL	FEC		
4245 (SR/PR/NP)	EXELON POWERLABS(MID ATLANTIC DIVISION) - COATESVILLE, PA 5301 (SR/EX) EXELON POWER LABS (TECHNICAL SERVICE CENTER-WEST) - WILMINGTON, IL 5675 (SR/EX) EXELON POWERLABS (WALTZ MILL LOCATION) - MADISON, PA 4960 (SR/EX) EXELON POWERLABS (NEW ENGLAND DIVISION) - PLATTSBURGH, NY	24740	SNC	NJ	08/2019			AEP, EXL, SCE, TLN, WCN, XEL	SOC		
1476 (SR/PR/NP)	FLOWSERVE CORPORATION - RALEIGH, NC	24742	DPC	NJ	10/2019			AUE, DTE, NEK, NPP, TLN, XEL	LUM		
1446 (SR/PR/NP)	FLOWSERVE CORPORATION - FSD - KALAMAZOO, MI	24741	APS	NJ	08/2019			BPL, LUM, NEE, SNC	STP		
2533 (SR/PR/NP)	FLUKE ELECTRONICS - SOLON, OH	24829	DPC	LA	10/2019			ENT, NPP			
1617 (SR/PR/NP)	GE-HITACHI NUCLEAR ENERGY AMERICAS LLC - WILMINGTON, NC 5501 (SR/EX) GE NUCLEAR ENERGY - SAN JOSE, CA 1629 (SR/EX) GE HITACHI NUC ENERGY, PHILADELPHIA SERVICE CENTER - PHILADELPHIA, PA	24746	NPP	NJ	07/2019			AEP, AUE, CFE, DOM, DPC, DTE, ENT, EXL, FEC, NEE, OPG, PSE, SNC, SOC, STP, TPC, TVA, WCN, XEL	APS		
5644 (RA/PR/NP)	GEL LABORATORIES, LLC - CHARLESTON, SC	24747	PSE	NJ	07/2019			ENT, PGE, SNC, STP, TLN	LUM		
1650 (SR/PR)	GIRARD DEVELOPMENT INC. - RANCHO CORDOVA, CA	24749	FEC	NJ	12/2019			DOM, ENW	SNC		
1619 (SR/PR/NP)	GLOBAL NUCLEAR FUEL - AMERICAS - WILMINGTON, NC 5808 (SR/EX) GLOBAL NUCLEAR FUEL - JAPAN CO., LTD. - KANAGAWA-KEN,	24750	ENW	NJ	07/2019			CFE, DOM, DTE, ENT, EXL, FEC, IBE, NPP, PSE, VAT	SNC		



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5843 (SR/PR/NP)	GRAFTEL, LLC - ELK GROVE VILLAGE, IL	24751	AEP	NJ	09/2019			DPC, NEE, TLN, TVA	EXL		
1701 (SR/PR/NP)	HAYWARD TYLER, INC. - COLCHESTER, VT	24752	LUM	NJ	07/2019			BPL, DOM, DPC, OPG, STP, TVA	EXL		
5324 (SR/PR/NP)	HOMEWOOD ENERGY SERVICES - PITTSBURGH, PA	24754	PSE	NJ	07/2019			DOM, NEK, TLN	PGE		
5362 (SR/PR/NP)	INDUSTRIAL TESTING LABORATORY SERVICES, LLC - PITTSBURGH, PA 6093 (SR/EX) ITLS OUTAGE SERVICES GROUP (OSG) - WILMINGTON, NC	24756	ENT	NJ	12/2019			DOM, TLN	AEP		
1801 (SR/PR/NP)	JOHN CRANE INC. - MORTON GROVE, IL	24760	ENT	NJ	07/2019			EXL, FEC, NBP, NEK, PGE	EXL		
2053 (SR/PR/NP)	NAC INTERNATIONAL, INC. - NORCROSS, GA	24766	APS	NJ	08/2019			DOM, DPC, MYA, TVA	DOM		
4325 (SR/PR/NP)	NAMCO CONTROLS - ELIZABETHTOWN, NC	24767	PSE	NJ	09/2019			ENW, OPG, SOC, TLN, VAT	DPC		
6068 (SR/PR/NP)	NUSOURCE, LLC - ALEXANDRIA, VA	24769	SNC	NJ	08/2019			DTE, PSE, SOC	LUM		
2348 (SR/PR/NP)	PARAGON ENERGY SOLUTIONS, LLC - OAK RIDGE, TN 2358 (SR/EX) PARAGON ENERGY SOLUTIONS, LLC - SCHENECTADY, NY	24771	STP	NJ	11/2019			APS, CFE, DTE, NPP, WCN	DPC		
2135 (SR/PR/NP)	PCI ENERGY SERVICES - LAKE BLUFF, IL	24772	NEE	NJ	07/2019			APS, DOM, SNC, STP	EXL		
2290 (SR/PR/NP)	SCHULZ ELECTRIC (A TIMKEN BRAND) - NEW HAVEN, CT	24780	NEE	NJ	08/2019			APS, NBP, STP, XEL	TLN		
1712 (SR/PR/NP)	SGS NORTH AMERICA, INC. - VALLEJO, CA	24781	XEL	NJ	11/2019			ENT, ENW, STP, WCN	EXL		
2351 (SR/PR/NP)	SOUTHWEST RESEARCH INSTITUTE - SAN ANTONIO, TX	24784	EXL	NJ	09/2019			DPC, ENT, FEC, OPP, PGE, PSE, STP, TVA	SNC		
1369 (SR/PR/NP)	SPX FLOW US, LLC, COPES VULCAN OPERATIONS - MC KEAN, PA	24785	SNC	NJ	08/2019			AUE, ETN, PGE, WCN	XEL		
5258 (SR/PR/NP)	TE CONNECTIVITY - FAIRVIEW, NC	24789	EXL	NJ	11/2019			AUE, CFE, ENW, NPP	DTE		

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Supp #	Supplier Name, Location	Aud #	Lead Utility	Cat	Scheduled	Audit End Date	Closed Date	Team Members	Peer Review	Last Update Date	Days Open
2414 (SR/PR/NP)	TECHNOLOGY FOR ENERGY (TEC) - KNOXVILLE, TN	24828	APS	LA	10/2019			LUM, PGE			
2505 (SR/PR/NP)	UNITED CONTROLS INTERNATIONAL, INC. - NORCROSS, GA	24793	EXL	NJ	07/2019			APS, BPL, FEC, OPG, XEL	DOM		
2629 (SR/PR/NP)	ZETEC, INC. - SNOQUALMIE, WA 5674 (SR/EX) ZETEC QUEBEC - QUEBEC, CD	24797	EXL	NJ	07/2019			ENW, KNP, NEE	DPC		



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NUCLEAR PROCUREMENT ISSUES CORPORATION

**2019  
Survey Schedule  
July - December**

## Audit/Survey Information - Summary

Search Criteria: Category = Surveys - Surveys ONLY, Member Criteria = Leads Only, Audit/Survey Status = All Audit/Surveys, Start Date = 07/01/2019, End Date = 12/31/2019, Report Type = Summary

Supp #	Supplier Name, Location	Aud #	Lead Utility	Cat	Scheduled	Audit End Date	Closed Date	Team Members	Peer Review	Last Update Date	Days Open
3061 (CG/PR/NP)	ABB INSTALLATION PRODUCTS INC. - MEMPHIS, TN	24811	NPP	NC	12/2019			ENW, PSE, WCN, WCN			
	2446 (CG/EX) ABB INSTALLATION PRODUCTS INC. - BYHALIA, MS										
	5203 (CG/EX) ABB INSTALLATION PRODUCTS MONTERREY S DE RL DE CV - GUADELUPE, NL										
	2904 (CG/EX) ABB CARIBE INSTALLATION PRODUCTS INC. - VEGA BAJA, PR										
1077 (CG/PR)	ALDEN RESEARCH LABORATORY, INC. - HOLDEN, MA	24799	APS	NC	09/2019			DPC, FEC, PSE			
1431 (CG/PR)	ASHCROFT, INC. - STRATFORD, CT	24800	EXL	NC	08/2019			AUE, DOM, NEE			
5342 (CG/PR/NP)	FLEXITALLIC US, LLC - DEER PARK, TX	24803	LUM	NC	10/2019			STP, TVA			
2783 (CG/PR/NP)	HENKEL CORPORATION - ROCKY HILL, CT	24804	WCN	NC	08/2019			AUE, DPC, SOC			
	4843 (CG/EX) HENKEL LOCTITE CORPORATION-CLEVELAND MANUFACTURING - CLEVELAND, OH										
	2785 (CG/EX) HENKEL LOCTITE DISTRIBUTION CENTER - LOUISVILLE, KY										
	2786 (CG/EX) HENKEL LOCTITE CORPORATION PUERTO RICO MANUFACT. - SABANA GRANDE, PR										
1909 (CG/PR/NP)	LUDECA - DORAL, FL	24805	XEL	NC	09/2019			NEE, PGE			
1631 (CG/PR/NP)	MOMENTIVE PERFORMANCE MATERIALS - WATERFORD, NY	24807	ENT	NC	07/2019			EXL, TLN, XEL			
2844 (CG/PR/NP)	TE CONNECTIVITY (FORMERLY POTTER BRUMFIELD) - FAIRVIEW, NC	24814	TVA	NC	09/2019			ENW, STP			
1468 (CG/PR)	THERMO FISHER SCIENTIFIC - WEST COLUMBIA, SC	24870	FEC	SMC	11/2019						