

NIAC ORGANIZATION

Introduction and Status Update

2021 NUPIC Vendor Conference

Mike Dunkelberger, NIAC Chair

June 16, 2021



**NUCLEAR INDUSTRY
ASSESSMENT CORPORATION**

PRESENTATION OVERVIEW



**NUCLEAR INDUSTRY
ASSESSMENT CORPORATION**

- **NIAC Formation**
- **NIAC Today**
- **NIAC Membership**
- **Scheduling Process**
- **NIAC Benefits**
- **Current Topics of Interest**
- **NIAC / NUPIC Collaboration**
- **NIAC Website**



NIAC Formation – 1994

(Nuclear Industry Assessment Committee)



11 FOUNDING MEMBERS (*ASME Certificate Holders)

- ABB Combustion Engineering (WEC)*
- BWNT (Framatome)*
- Bechtel Power*
- Crane Nuclear*
- Crosby Valve*
- General Electric (GEH)*
- IST Conax (Mirion Technologies)
- Joseph Oat Company*
- Nutherm
- Target Rock, Curtiss-Wright Flow Control*
- Westinghouse Electric Company*

Goal

- Share common supplier audits using subcontracted auditing services as the basis for acceptance.

Challenge

- Develop a charter that defines contractual obligations between members and addresses potential legal issues, including concerns with anti-trust or collusion.

Concerns

- Benefits vs. costs
- Industry acceptance

NIAC Today

(Nuclear Industry Assessment Corporation - 2015)




**NUCLEAR INDUSTRY
ASSESSMENT CORPORATION**

- Over 170 members committed to performing auditing services at the highest industry performance standards.

- Perform ~ 110 assessments

- NIAC Standard Checklist
- Commercial Grade Survey Checklist
- Safety Related Calibration Checklist
- Commercial Grade Calibration Checklist
- ASME NDE Section III Checklist (supplemental)
- ASME NDE Section XI Checklist (supplemental)
- Software Checklist (supplemental)

- Each assessment is performed by one member and shared with other members, as authorized by the supplier.


NUCLEAR INDUSTRY ASSESSMENT CORPORATION
 AUDIT CHECKLIST
 Revision: 3, Dated: November 14 2010

Page 1 of 57

SUPPLIER INFORMATION:		AUDIT SCOPE		
SUPPLIER:	SDI #	10CFR50 App. B	<input type="checkbox"/>	
PRIMARY STREET ADDRESS:		10CFR21	<input type="checkbox"/>	
CITY, STATE, ZIP CODE:		ANSI N45.2	<input type="checkbox"/>	
SECONDARY/MULTIPLE ADDRESSES:		ASME NQA-1 <input type="checkbox"/> 1994	<input type="checkbox"/>	
TELEPHONE NO.:		<input type="checkbox"/> 2009/2009 <input type="checkbox"/> 2015	<input type="checkbox"/>	
PRODUCT/SERVICE:		REG GUIDE 1.28 Rev. ____	<input type="checkbox"/>	
ASME CODE MARK(S) AND OTHER AUTHORIZATION NO.(S)		NCSL Z540-1*	<input type="checkbox"/>	
		IEEE 323*	<input type="checkbox"/>	
		IEEE 383*	<input type="checkbox"/>	
SUPPLIER CONTACTS:		ASME NCA 3800	<input type="checkbox"/>	
SENIOR CO. OFFICER:	TITLE: PHONE/ EMAIL:	ASME NCA 4000	<input type="checkbox"/>	
SENIOR QA OFFICER:	TITLE: PHONE/ EMAIL:	FIELD SERVICES	<input type="checkbox"/>	
AUDIT CONTACT:	TITLE: PHONE/ EMAIL:	ENG. SERVICES	<input type="checkbox"/>	
AUDIT INFORMATION:		10CFR71 Subpart H	<input type="checkbox"/>	
NAME OF MEMBER CO.:		10CFR72 Subpart G	<input type="checkbox"/>	
SDI/AUDIT NO./MEMBER NO.:	AUDIT DATES:	Software Developer*	<input type="checkbox"/>	
NIAC MEMBERS AUTHORIZED TO SHARE AUDIT:		SNT-TC-1A*	<input type="checkbox"/>	
		10CFR50.55(e)	<input type="checkbox"/>	
AUDIT TEAM	MEMBER COMPANY	NAME	TELEPHONE NO.	CHECKLIST SECTIONS AUDITED
TEAM LEADER				
TEAM MEMBER				
TECHNICAL SPECIALIST (SPECIFY DISCIPLINE)				* = Additional checklists / questions are included.

Audit Team Leader: _____ Date: _____ NIAC Member Representative: _____ Date: _____

This report is generated by the Institution on use and without liability set out in the Rules of the Nuclear Industry Assessment Corporation (NIAC). Any other terms or conditions to the contrary shall have no effect. This information contained in this assessment report is solely for the use of NIAC members authorized in writing to receive the report. The NIAC member receiving this information shall have the right to use the information for its own purposes, but agrees not to disclose or communicate it to any other party except to another NIAC member with the prior written permission of the company that conducted the audit as directed by the supplier that was audited. Neither NIAC nor the company that conducted the audit shall have any liability of any nature whatsoever for the correctness of the information, or for any omissions or errors. Neither NIAC nor the company that conducted the audit endorses or warrants the fitness of any supplier's products or services for suitability of or for any general or particular purpose. Any company or person who obtains this document assumes sole responsibility for any reliance on the information's contents or value to, or on any related information received directly or indirectly from a NIAC member.

NIAC Today

(Nuclear Industry Assessment Corporation - 2015)



- **NIAC Board of Directors and Officers**
 - Chair - Mike Dunkelberger (MPR)
 - Vice Chair - Stan Griffin (GE-Hitachi Nuclear Energy)
 - Secretary - Jim Peters (NQTS, LLC)
 - Treasurer - Rusty DeKleine (Axion Technical Services, LLC)
 - Compliance Officer - Erik Yost (Curtiss-Wright Electro Mechanical Corp.)
- **Steering Committee – 12 Members, including the Directors**
- **Two annual meetings – June (non-mandatory) and November (mandatory)**
- **Elections every three years – last held in November 2020**

NIAC Membership



NUCLEAR INDUSTRY
ASSESSMENT CORPORATION

To join NIAC, you must:

- Sign Member Agreement - abide by the NIAC Bylaws and procedures.
- Provide documentation that your QA Program complies with 10CFR50 Appendix B, or an equivalent DOE Program.
- Have a certified Lead Auditor, qualified by written examination, whose qualifications satisfy ASME NQA-1 or ANSI N45.2.23.
- Pay the annual membership dues.
- Designate one NIAC member representative and one alternate.
- Attend the mandatory annual meeting and associated training.
- Plan and perform assessments as a safety related service using NIAC checklists.
- Obtain supplier authorization to perform and share audits.
- Distribute audit plans, reports, and follow-up documentation to sharing members.



NIAC Scheduling Process



August - Members submit supplier assessment requests for the following year

- Supplier and location.
- Date needed.
- Assessment type (e.g., audit or survey) and scope of supply.

October - Preliminary schedule issued

- Identifies the lead and sharing Member organizations for each assessment requested by two or more members.
- Lead member selected based on the ratio of audits performed to audits received.
- Members may trade base on factors, such as travel distance.

November - Schedule for each assessment is finalized during the mandatory meeting

- Supplier and location.
- Month due.
- Assessment type and scope.
- Checklist(s) to be used.

NIAC Benefits



NUCLEAR INDUSTRY
ASSESSMENT CORPORATION

- A standard methodology is utilized to perform supplier assessments.
- Member companies reduce costs and time spent performing supplier assessments.
- Suppliers reduce costs and time spent hosting supplier assessments.
- Networking opportunities increase cooperation between industry peers.



Collectively NIAC members have improved the quality of our audit processes to the benefit of our customers and the industry.

NIAC - Current Topics of Interest

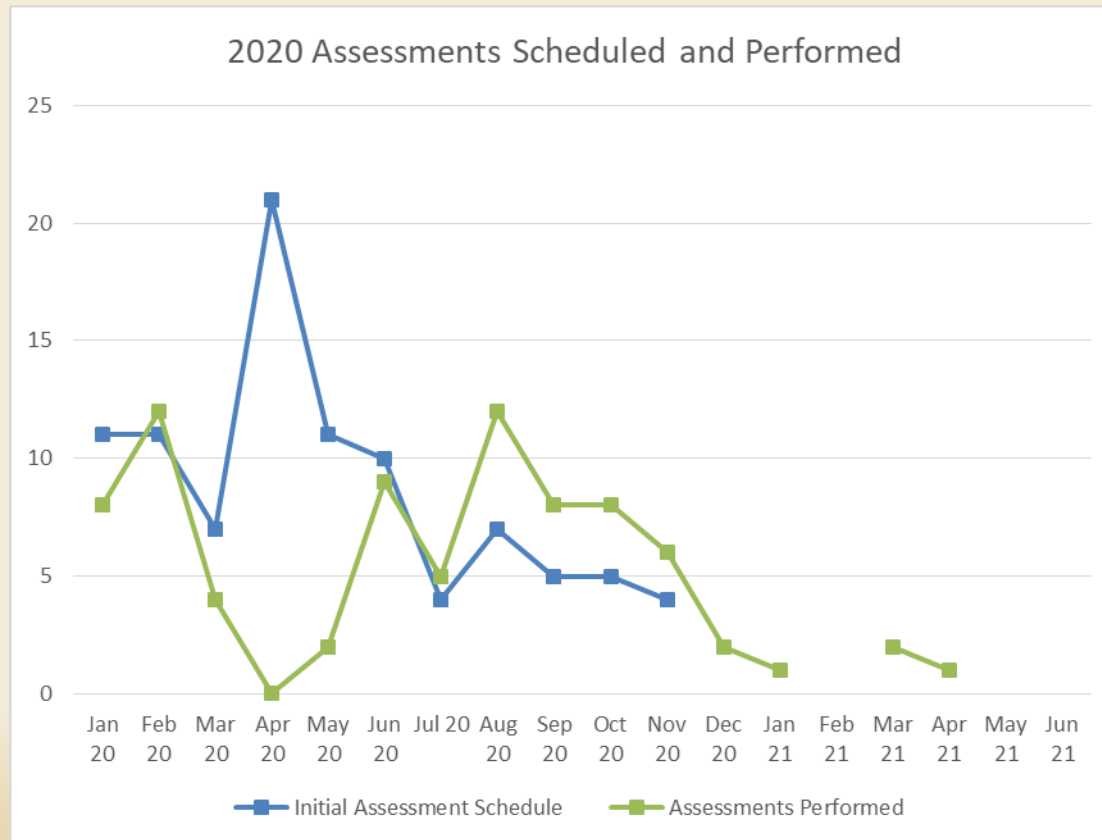


- **Checklist updates to reflect changes to industry codes and standards.**
 - ASME Section III and Section XI
 - ISO 17025: 2017
 - NEI 14-05A, Revision 1
- **Monitoring member performance in completing assessments and completing the reports on-time.**
- **Ensure members are aware of industry initiatives and concerns.**
- **COVID-19 impacting the ability to perform assessments.**

COVID-19 Impact on Schedule



NUCLEAR INDUSTRY
ASSESSMENT CORPORATION



- 95 - Assessments scheduled for 2020
- 76 - Assessments performed in 2020
- 4 - 2020 assessments performed in 2021
- 15 - 2020 assessments still delayed

NIAC and NUPIC Collaboration



- NIAC update provided at the NUPIC Vendor meeting.
- NIAC members regularly attend the NUPIC Vendor Meeting.
- Open communications between organizations for updates on relevant topics, such as those related to the impact of COVID-19.
- Members of both organizations participate in developing industry guidance.
- Members collaborate in developing breakout presentations during the NUPIC Vendor Meeting.

NIAC Website



Visit us at www.niac-usa.org:

NIAC Home Page



NUCLEAR INDUSTRY
ASSESSMENT CORPORATION

NIAC Home
Executive Summary
Officer List
Steering Committee
How to Join
Next Meeting (12/03/20)
NIAC Links
Training
Members Only

Organized in 1994 by quality professionals as a result of a nuclear industry initiative to share auditing services among the members, the Nuclear Industry Assessment Committee (NIAC) was established. In 2015, we reformed as the Nuclear Industry Assessment Corporation – A California Non-Profit Corporation, which continues to fulfill its bylaws by its members performing auditing services at the highest industry performance standards while eliminating redundancy and costs associated with duplicate supplier audits. NIAC continues to grow from the original eleven (11) members to more than one hundred seventy (170) members globally.

Membership in NIAC is open to companies supplying goods and services to the nuclear industry, which have a quality program which meets or exceeds the requirements of 10CFR50 Appendix B, ASME NQA-1, or equivalent DOE Quality System, and accept 10CFR Part 21. Members must qualify their Lead Auditors to the requirements of ANSI N45.2.23 – 1978 or ASME NQA-1 latest edition endorsed by the NRC, including a written examination.

The Member must agree to comply with the NIAC bylaws, procedures and sign the NIAC Corporate Membership Agreement form.

If you are interested in joining the Nuclear Industry Assessment Corporation, please choose the "How to Join" link on this page and follow the instructions. The NIAC Secretary can help answer any additional questions.

If you need access to this site contact: NQTSLLC@gmail.com or at: 281-222-2708

NIAC – Questions?



**NUCLEAR INDUSTRY
ASSESSMENT CORPORATION**

