

NUCLEAR PROCUREMENT ISSUES COMMITTEE

Issue: May 2011

Chairman's Message

By: John Larson Nebraska Public Power District

".....small things can make a huge difference in safe and reliable operation."

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In an industry where nothing changed in 20 years, suddenly nothing is the same. Unpredictable events overtake us, and if we haven't prepared properly, it's too late to recover. The terrible events in Japan have riveted our attention for the past few months, and reminded us that the unlikely event can become reality in moments. The INPO Principles for a Strong Nuclear Safety Culture describe nuclear power as "special and unique", meaning small things can make a huge difference in safe and reliable operation. Consequences of failure to apply the highest standards can be catastrophic.

The role of Supplier QA, and that of NUPIC, has never been more important. When industry executives established NUPIC in 1989 with the Comprehensive Procurement Initiative, their intent was to go beyond compliance and form audit teams that would challenge our suppliers to develop methods and processes that would effectively eliminate errors. They wanted audit teams to challenge our suppliers to produce products that would lead the world in their reliability and performance. Motivation for the executives to make these changes came from NRC reports that licensees had failed to do this individually; but where individual utilities had failed, the executives believed that joint utility teams could succeed.

The NUPIC Process, if implemented successfully, is designed for performance-based audits and surveys of supplier activities to assure performance specifications are met, and that reduce the possibility of counterfeit and fraudulent parts. Commercial grade dedication of parts, processes, and software has our attention and demands that we apply the highest standards of oversight.

The new difficulties our industry faces through the next few months will challenge us all. As NUPIC Members, Auditors, and Suppliers, we must redouble our efforts to be critical and recognize the potential consequences of even a small error. Our audits and surveys are the only method we have to effect change. It isn't an easy job to be critical, but few are more important.

I look forward to continuing our dialogue at the NUPIC Summer Vendor Conference June 16-17 in Oakbrook, IL.

John



NUCLEAR PROCUREMENT ISSUES COMMITTEE

By: Earl Mayhorn, AmerenUE

EXELON HOSTED You are cordially Invited to attend the

20th Annual NUPIC/Vendor Meeting

Wednesday, June 15, 2011

Thursday, June 16, 2011

Doubletree Hotel Chicago Oak Brook

Oak Brook, IL

NOTE:

An offsite Dinner on will be hosted by NUPIC on Wednesday June 15, 2011 from 6pm to 9:30pm

IMPORTANT:

Hotel Registration Deadline: May 22, 2011



NUCLEAR PROCUREMENT ISSUES COMMITTEE

THE 20th ANNUAL NUPIC/VENDOR MEETING: AGENDA OVERVIEW

The 20th Annual NUPIC/Vendor Meeting

June 15-16, 2011 Doubletree Hotel Chicago- Oak Brook Oak Brook (Chicago), IL

Tuesday June 14, 2011

12:00pm – 8:00pm On-site Registration

Wednesday June 15, 2011

7:00am – 12:00am On –site Registration 7:00am - 8:00am Continental Breakfast

8:00am - 5:00pm 20th Annual NUPIC/Vendor Meeting

6:00pm - 9:30pm NUPIC Vendor Dinner

Thursday June 16, 2011

7:00am – 8:00am Continental Breakfast

8:00am – 4:30pm 20th Annual NUPIC/Vendor Meeting

Planned presentations and workshop topics include:

- Annual Message to Suppliers from Nuclear Utility Executive
- Update on New Nuclear Power Plant Construction
- · Nuclear Regulatory Commission (NRC) Updates and Presentations
- Electric Power Research Institute (EPRI)
- Commercial Grade Dedication
- Dedication of Commercial Grade Computer Software
- · NUPIC Vendor Performance Monitoring Update
- Updates on NUPIC Initiatives & Activities
- · Common Audit Findings/Trends
- 10CFR Part 21
- · Safety Conscious Work Environment
- 10CFR50, Appendix B, NQA-1, ASME Code
- · Inter-Laboratory Accreditation Committee (ILAC)
- Other hot industry topics
- Q & A Session

A detailed agenda will be published by May 7th
A list of attendees will be distributed prior to the meeting.



NUCLEAR PROCUREMENT ISSUES COMMITTEE

THE 20th ANNUAL NUPIC/VENDOR MEETING: HOTEL & OTHER INFORMATION

Hotel Information:

Doubletree Hotel Chicago - Oak Brook 1909 Spring Road Oak Brook, Illinois 60523 Phone number – 630-472-6000



Accommodations & Reservations: Single and Double Occupancy Guestrooms are offered at \$85.00 per night plus applicable taxes. This rate is available Thursday 6/9/11 through Sunday 6/19/11 based on availability. The Doubletree Hotel Chicago - Oak Brook is located in the heart of Oak Brook's business district and is within walking distance of the Oakbrook Center Mall. The hotel is just west of Chicago and is an easy commute to and from O'Hare International and Midway airports and highways I-88 and I-355.

Reservations can be made by using the following link: http://doubletree.hilton.com/en/dt/groups/personalized/ C/CHIOADT-NUP-20110612/index.jhtml? WT.mc_id=POG

This link will take you to the hotel's on-line booking site for our meeting. Once all required information has been entered, your reservation will be confirmed. You will receive a confirmation number and email. Reservations can also be made by calling the hotel at 630-472-6000 requesting the NUPIC rate.

In order to receive the **NUPIC** rate, hotel reservations must be made by **May 22**, **2011**. **Please note the hotel has an early departure policy**.

A separate meeting registration form must also be completed. (See attached form).

Air/Ground Transportation/Parking

The Doubletree Hotel Chicago Oak Brook is approximately 10 miles south of O'Hare International Airport (ORD) and approximately 15 miles northwest of Chicago's Midway International Airport. Both airports are served by all major US airlines. Rental cars, taxis, and limousine services are available at the both airports. The Doubletree Hotel Chicago Oak Brook offers complimentary self parking. The hotel does not offer airport shuttle service.



NUPIC Vendor Dinner

The NUPIC/Vendor Dinner is an excellent opportunity to network and socialize with meeting attendees. The much anticipated dinner will be held on the evening of Wednesday June 15, 2011 between 6pm and 9:30pm. The cost of dinner and transportation are included in the registration fee. The dinner will include a cash bar. Additional information concerning the dinner will be provided later.

Suppliers' Information Table

Space will be provided for suppliers to share company literature, brochures, and other handouts.



NUCLEAR PROCUREMENT ISSUES COMMITTEE

The 20th Annual NUPIC/Vendor Meeting

June 15-16, 2011
Doubletree Hotel Chicago Oak Brook *Meeting Registration Form*

Company Name:						
Address:						
Phone:						
Fax:						
Attendees:	Title:					
	Title:					
Email Addresses:						
Guests:						
Have you or your company attended NUPIC Vendor Meetings in the past? YesNo						
If yes, check all that appl Years of attendance: 20 Earlier	y: 010 2009 2008 2007					

The meeting registration fee is \$375.00 per attendee. The fee includes continental breakfast and refreshments during breaks, dinner on 6/15/11 and lunch on 6/16/10. Electronic copies of meeting presentations will be provided to each attendee. Guests may accompany you to the dinner at a cost of \$85.00 per person.

Please make checks (sorry no credit cards) payable to NUPIC and send, along with registration form, to:

Energy Northwest Attn: NUPIC - DR Senner, PE21 PO Box 968 Richland, WA 99352-0968

Inquiries regarding the meeting should be directed to: Earl Mayhorn at emayhorn@ameren.com or 314-554-4868 Del Senner at drsenner@energy-northwest.com or 509-377-4364

The **Meeting** registration deadline is **June 1, 2011.**

Registrations made after June 1, 2011 will be assessed a \$100 late registration fee per attendee.

Walk-ins will be accommodated based on availability and will be assessed a \$150 late registration fee.

Registration fees <u>must be paid in full prior to entering the meeting.</u>

No exceptions.

Meeting registration fees will be refunded to those who cancel before June 1, 2011



NUCLEAR PROCUREMENT ISSUES COMMITTEE

WELCOME TO THE 2011 NUPIC VIC CONFERENCE

By: James Perry, Exelon



Chicago, Illinois

Exelon will host the 20th Annual Vendor Conference in Oak Brook, IL. The conference will be held at the Doubletree Hotel Chicago – Oak Brook, IL June 15 and 16, 2011. The Doubletree Hotel Chicago – Oakbrook is located in the heart of the Oak Brook business district and is across the street form the Oak Brook Center Mall. The Oak Brook Center Mall has numerous fine dining establishments to satisfy any pallet and shopping for every fancy.

Transportation from Chicago's O'Hare and Midway airports is available via rental car, limousine, or taxi. Complimentary self parking is offered on site.

Presentations and workshop topics will include:

- Annual Utility Executive Message to Suppliers
- New Nuclear Plant Construction Update
- Nuclear Regulatory Commission Information
- Electric Power Research Institute News
- Commercial Grade Hardware Dedication
- Commercial Grade Software Dedication
- NUPIC Vendor Performance Monitoring Report Update
- Common Audit Findings/Trends
- Updates on NUPIC Initiatives & Activities
- 10CFR Part 21
- Safety Conscious Work Environment
- 10CFR50 Appendix B, NQA-1, ASME Code
- Inter-Laboratory Accreditation Committee (ILAC)

A Continental Breakfast will be served daily. A Dinner will be provided Wednesday night June 15, 2011 at an offsite location. The dinner will provide you opportunity to establish contacts and a rapport with other vendors.

Don't miss this opportunity to share and exchange ideas with your colleagues. Space will be available for suppliers to share company literature, brochures, and other handouts.

Chicago is the Third largest city in the United States and is located on beautiful Lake Michigan. Take advantage of the special NUPIC hotel rate and spend the weekend enjoying the many attractions offered in downtown Chicago.

You'll find magic in such sparkling Chicago attractions as Navy Pier – the Midwest's top tourist destination – and its boardwalk, 150-foot Ferris wheel, boat and SEGWAY tours, and countless dining or shopping options. Millennium Park offers dazzling music, art, landscape design and architecture – including the mammoth stainless-steel Cloud Gate sculpture – plus ice

skating in the winter, splashing around in the interactive Crown Fountain during summer, and alfresco dining from spring to fall.



Chicago looks great from every angle, whether

you're exploring the city's astonishing architecture during a guided tour (on foot or aboard a Chicago River boat, lakeshore cruise or sightseeing bus) or you're enjoying the birds-eye view from the 103rd floor of Skydeck Chicago in the Willis Tower (formerly Sears Tower) and the 94th floor Hancock Observatory. The city's 29 miles of lakefront paths are just one reason Chicago is one of the world's most walk able and beautiful cities

Chicago is often called a friendly city – and you'll agree when



you accept the city's warm invitation to sample such free attractions as Lincoln Park Zoo, home to more than 1,000 mammals, reptiles, and birds. Enjoy the peaceful gardens under glass at Garfield Park Conservatory and Lincoln Park Conservatory, or take in one of the free performances at Navy Pier. To make sure you don't miss out on anything the city has to offer, make your very first stop the Chicago Cultural Center -Chicago's Architectural Showplace for the Lively and Visual Arts and the city's official Visitor Center.



NUCLEAR PROCUREMENT ISSUES COMMITTEE

IMPROVING AUDIT CLOSURE TIMELINESS AND QUALITY

By: Darlene Stimart

Xcel Energy

Coordinator, Performance Monitoring Committee

When findings are issued during a NUPIC audit, their status is documented in the NUPIC database. At every NUPIC meeting, the Process Management Committee reports on the findings that have been open greater than 180 days and the lead utility is requested to provide a status of these open findings and when closure is expected. Upon closure, each utility reviews the closure package to ensure it meets the utility and NUPIC requirements.

At the February 2011 meeting, the NUPIC membership approved a new process that was developed to improve audit closure timeliness and to ensure the audit closure package is in accordance with the NUPIC procedures. The process directly ties to new performance indicators that are tracked on the report card.

HOW IT WORKS: When audits have been open for 365 days or more, a yellow window will be given on the NUPIC report card in the "Closeout" goal. The report card committee validates the justification for the audit being open for that period of time and determines its validity, based on information contained in the database. If it is determined that the justification is valid, the yellow window will be overwritten, otherwise it will remain.

After verification of all corrective actions and implementation of these actions has been satisfactorily validated at the vendor, the closure package is required to be sent to the internet service provider within 40 days. At that time, the utility that performed the original peer review of the audit will be electronically notified that the closure package is ready for a peer review and it is performed using a checklist with requirements derived from the audit procedure. The closure checklist verifies the package contains the following criteria:

- 1. An adequate description of the vendor's response.
- 2. An adequate description of the results of the response review.
- 3. An adequate description of the verification performed to close the audit.

Finally, verification is made that the NUPIC database fields were properly updated to support the closure. The closure peer review is graded in the same manner as the audit peer review and the results of the grade populate the report card within the "Performance" goal.

This process does not negate each utility's responsibility to review the closure package for adoption into their process.

I believe we all have the same goal: close our audits in a timely manner and ensure the quality of the closure is in accordance with our high standards. As a supplier, your role is to provide acceptable audit finding responses when they are required, and work with the lead utility to close the findings in a timely manner. Satisfactory implementation of corrective actions is key to an acceptable audit closure.

NEW MEMBERSHIP

By: John Larson

Nebraska Public Power District

UniStar Nuclear Energy became NUPIC's 45th member on March 31, 2011. Based in Baltimore MD, UniStar (UNE) was previously associated with Constellation Energy Group, but that relationship has now ended and UniStar will exist within NUPIC as a full member. Al Pitts is serving as the NUPIC Representative, with Mark Harvey as his alternate. UniStar meets the membership requirements for the "0 reactors" category; they have submitted a COLA and the NRC has approved their implemented QA Program. Both Al and Mark have many years experience with the NUPIC organization.



NUCLEAR PROCUREMENT ISSUES COMMITTEE

COMMERCIAL SOFTWARE DEDICATION – MORE INFORMATION

By: John Larson

Nebraska Public Power District

The use of commercial software in nuclear safety-related applications continues to be in the forefront of discussions about appropriate dedication and 10CFR21. In a letter from the NUPIC Chairman, dated February 18, 2011, the new challenge that vendors could expect from NUPIC Audit Teams in this area was described. Subsequently, industry representatives from NUPIC, EPRI, NRC and others met at EPRI March 2-3, 2011 to discuss development of software dedication guidance. Differences of opinion were expressed on a number of key points presented in the letter.

This is an opportunity to provide additional clarification. In the letter, auditors were instructed to verify that audited vendors that dedicate commercial software, recognize the affected safety function and apply valid dedication methods using the guidance of EPRI NP-5652. This guidance has been conditionally endorsed by the NRC in Generic Letter 89-02 and 91-05.

Verbatim compliance with EPRI NP-5652 is not expected. It is expected that vendors will use a logical approach such as described in this document and other software quality assurance documents to implement a method of dedication that provides reasonable assurance that the software is capable of performing its intended safety function. This includes assuring that the safety function of the software is documented; that means of acceptance (dedication) can be related to the safety function; and that provision is made for the control of software updates.

An additional source of guidance that includes discussion on identification of critical characteristics for digital devices is EPRI TR 106439, Guideline on Evaluation and Acceptance of Commercial Grade Digital Equipment for Nuclear Safety Applications. This document was endorsed by the NRC in a Safety Evaluation Report (ADAMS accession number 9810150223). Both the guideline and the SER include discussion specific to the acceptance of software.

NQA-1, 2008 with 2009 Addenda, Subpart 2.7, "QA Requirements for Computer Software for Nuclear Facility Applications" has also recently been endorsed by the NRC.

As we continue to refine expectations, and develop new guidance, the ongoing safe and reliable operation of each nuclear power plant should be first in our minds.

DID YOU KNOW?

By: Jim Johns First Energy Corporation

- The following link will take you to 10CFR Part 21 on the NRC website. A button labeled "Subscribe to Updates" now appears at the top of the page. You may click on the button to subscribe to updates on 10CFR Part 21.
 - http://www.nrc.gov/reading-rm/doc-collections/cfr/part021/
- Appendix B audits and Commercial Grade Surveys were not created equal. One cannot be used as an equivalent replacement for the other.

- NRC Information Notice (IN) 2011-01 is available on the NRC website which describes "Commercial-Grade Dedication Issues Identified during NRC Inspections".
- Earl Mayhorn is "stepping down" as Chairman of the Vendor Interface Committee (VIC), after the June 2011 Vendor Meeting. Earl will remain as a VIC committee member. Please join us in thanking Earl for his tireless work in making the great Vendor Meetings of the past possible.
- Commercial Grade Surveys (Method 2) are not considered a "stand alone" method of CG Dedication and must be used in conjunction with one or more of the other Methods.



NUCLEAR PROCUREMENT ISSUES COMMITTEE

AUDIT SCHEDULING HOW'S & WHAT'S

By: Jim Johns

First Energy Corporation

How do I get audited by NUPIC?

- You must have/develop a QA Program which reflects and implements the requirements of 10CFR50 Appendix B and 10CFR21. This requires resources and management commitment.
- Your QA Program must be audited to these requirements for the supply of "safety related" products and services. One initial approach is to market your "safety related" product line to an existing Nuclear utility customer who has placed orders for similar commercial (non-safety related) products. That customer may then choose to audit your QA Program in order to purchase the products/services as "safety related".
- Market the QA Program as well as the product or service. Nuclear utility customers must have suppliers which have developed
 and maintain an effectively implemented QA Program. This is the cornerstone for success in the Nuclear Industry. One satisfied Nuclear utility customer usually leads to more.
- once you have five (5) Nuclear Utility customers purchasing your "safety related" products or services, you become eligible to be audited cooperatively by NUPIC.

The following specific questions, regarding NUPIC audit scheduling, were asked during a recent JUTG meeting:

What can NUPIC do to schedule an audit of a new supplier?

First understand that NUPIC is not an entity unto itself. It is an agreement, documented by a Memo of Understanding, which provides for the cooperative use of individual NUPIC member resources to conduct audits of our suppliers. All Domestic Nuclear Utilities, several International Nuclear Utilities, and one Company holding a Combined Operating License Application (COLA) comprise the current membership. These are considered "NUPIC members".

As such, an audit of a new supplier, with an established Quality Assurance Program, may be initially scheduled and conducted by any NUPIC member who desires to purchase the supplier's "safety related" products/services. These audits may then be shared with other NUPIC members, as requested, but are not posted to the NUPIC website.

However, if adequate interest exists to audit a new supplier by **five or more** NUPIC members, the audit scheduling would meet the NUPIC scheduling criteria (at least five NUPIC member users) and could be scheduled during the normal NUPIC audit scheduling process. These audits are considered "NUPIC Joint Audits" and are posted to the NUPIC website, for use by any NUPIC member.

In both scenarios, the new supplier is audited if adequate interest exists to purchase the supplier's "safety related" products/services. It's just a matter of the audit being performed individually or cooperatively (NUPIC scheduling), and where the audit report is available.

Weather a new or existing supplier, the key is **five nuclear customers** for an audit to be scheduled during the normal NUPIC audit scheduling process.

I have five nuclear utility customers, but the utilities do not list my company on the NUPIC website, so I do not receive a NUPIC audit. What can I do?

Assuming that you are selling "safety related" products/services to the five utility customers, do this:

- Contact the NUPIC representatives for the five utility customers (contact information is available on the front screen of the NUPIC website).
- Request that they update the NUPIC database identifying their utility as a purchaser of your company's "safety related" products/services.

This will automatically include your company for consideration in the normal NUPIC audit scheduling process. Again, the key is **five nuclear customers** listing your company on the NUPIC website.



NUCLEAR PROCUREMENT ISSUES COMMITTEE

2011 Audit Schedule July - December



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Supplier #	Supplier Name, Location	Audit Number	Lead Utility	Cat.	Scheduled	Team Members
1097 (SR/PR)	AAF International - Louisville, KY	22905	NEE	NJ	09/2011	BPL DEC FEC SNN XEL
	1096 (SR/EX) AAF International - Columbia, MO					
5802 (SR/PR)	Alion Science & Technology - Warrenville, IL	22900	WCN	NJ	08/2011	CEG ENT SOC XEL
	5237 (SR/EX) Alion Science & Technology - Albuq	uerque, NM				
4202 (SR/PR)	AMETEK Power Instruments - Rochester, NY	23047	EXL	NJ	12/2011	DEC PGN SNC
1496 (SR/PR)	Ametek Programmable Power - SAN DIEGO, CA	22920	SNC	NJ	08/2011	APS FEC OPP XEL
1121 (SR/PR)	ANALYSIS & MEASUREMENT SERVICES CORPORATION - KNOXVILLE, TN	22906	PGN	NJ	07/2011	LUM TVA
1138 (SR/PR)	ARCOS INDUSTRIES, LLC MOUNT CARMEL, PA	22907	CEG	NJ	11/2011	IBE SCE
5169 (SR/PR)	AREVA NP - Chalon sur Saone CEDEX, FR 1588 (SR/EX) Areva NP - PARIS, FR	22871	AUE	NJ	09/2011	EXL FEC KNP NEE NEK PSE VAT WCN XEL
2358 (SR/PR)	ATC Nuclear - SCHENECTADY, NY	22931	CEG	NJ	10/2011	AUE ENT PPL XEL
1508 (SR/PR)	Bentley Systems Inc - WALNUT CREEK, CA	22923	EXL	NJ	09/2011	AEP ENW
2513 (SR/PR)	Carrier- RCD, Division of United Technologies Co Smyrna, TN	22899	ENT	NJ	10/2011	AUE PSE
	5894 (SR/EX) Carrier - RCD, Division of United Te	chnologies (Co - Syrac	use, NY		
1349 (SR/PR)	CCI - Rancho Santa Margarita, CA	22954	DOM	NJ	11/2011	DPC EXL IBE
1346 (SR/PR)	CONTINENTAL DISC CORPORATION LIBERTY, MO	22953	ENW	NJ	10/2011	DEC NEE WCN
1426 (SR/PR)	Dragon Valves - Norwalk, CA	22892	EXL	NJ	10/2011	APS WCN
1924 (SR/PR)	Dresser INC Masoneilan Operations AVON, MA	22849	TVA	NJ	09/2011	ENT PPL SNN
	5826 (SR/EX) Dresser Inc Masoneilan Operations	- Burlingtor	ı,			
1436 (SR/PR)	DRESSER-RAND - WELLSVILLE, NY	22894	NPP	NJ	11/2011	AEP ENT PSE WCN
2624 (SR/PR)	EnerSys Delaware Inc Reading, PA 5214 (SR/EX) EnerSys Delaware Inc Hays, KS	22950	SCE	NJ	08/2011	DOM EXL FEC HQG
4245 (SR/PR)	EXELON POWERLABS (MID ATLANTIC DI- VISION) - COATESVILLE, PA	22882	STP	NJ	09/2011	AUE NPP PGN PPL
	5301 (SR/EX) EXELON POWER LABS (TECHNIC 5675 (SR/EX) Exelon PowerLabs (Waltz Mill Locat 4960 (SR/EX) EXELON POWERLABS (NEW ENC	ion) - Madis	on, PA			
1476 (SR/PR)	FLOWSERVE CORPORATION RALEIGH, NC	22919	PGN	NJ	08/2011	HQG SNC STP XEL
1446 (SR/PR)	FLOWSERVE CORPORATION - FSD - KALA-MAZOO, MI	22895	PPL	NJ	09/2011	LUM NEE PSE
2533 (SR/PR)	Fluke Biomedical - Solon, OH	23046	NEE	LA	12/2011	AEP PGE
1386 (SR/PR)	Fluke Electronics Corp., DH Instruments Division - PHOENIX, AZ	22890	DPC	NJ	10/2011	DOM ENW PGE
5644 (SR/PR)	GEL Laboratories, LLC - Charleston, SC	22873	DPC	NJ	09/2011	NPP PGN PPL



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1650 (SR/PR)	GIRARD DEVELOPMENT INC. RANCHO CORDOVA, CA	22888	XEL	NJ	09/2011	PPL SNC		
5843 (SR/PR)	Graftel, Inc Elk Grove Village, IL	23050	NEE	NJ	11/2011	AUE PGE		
1701 (SR/PR)	Hayward Tyler, Inc Colchester, VT	22924	SNC	NJ	10/2011	ENT FEC PGE		
1712 (SR/PR)	Herguth Laboratories, Inc - Vallejo, CA	22925	EXL	NJ	08/2011	DPC PGE PPL		
5324 (SR/PR)	Homewood Energy Services - Pittsburgh, PA	22861	EXL	NJ	09/2011	DOM PGE SOC		
5362 (SR/PR)	Industrial Testing Laboratory Services, LLC Pittsburgh, PA	22840	PGN	NJ	07/2011	DOM		
1395 (SR/PR)	INTERNATIONAL QUALITY CONSULTANTS INC BUTLER, PA	22891	LUM	NJ	07/2011	AEP PSE		
1786 (SR/PR)	ITT CONOFLOW - ST. GEORGE, SC	22854	TVA	NJ	10/2011	ENW OPP TPC		
1865 (SR/PR)	LAMBERT MACGILL THOMAS, INC. SWAINSBORO, GA	22845	APS	NJ	11/2011	DOM WCN		
1911 (SR/PR)	Mackson, Inc Rock Hill, SC	22847	LUM	NJ	08/2011	PGN SCE		
1914 (SR/PR)	MAGNETROL INTERNATIONAL INC. DOWNERS GROVE, IL	22848	DOM	NJ	07/2011	LUM SCE TPC TVA		
2053 (SR/PR)	NAC International - Norcross, GA	22989	DPC	NJ	07/2011	APS CYN TVA		
4325 (SR/PR)	NAMCO Controls - Elizabethtown, NC	22884	EXL	NJ	11/2011	NBP PGN TVA WCN		
2018 (SR/PR)	NCS CORPORATION (NUCLEAR CONT. SYS) - COLUMBUS, OH	22851	STP	NJ	11/2011	AEP DOM		
3232 (SR/PR)	NETCO, a Division of Scientech, a Business Unit * - Lake Katrine, NY	23048	PPL	LA	08/2011	DEC DOM ENT		
1057 (SR/PR)	NuVision Engineering - Pittsburgh, PA	22844	TVA	NJ	11/2011	APS ENT NEE		
2244 (SR/PR)	PaR Nuclear, Inc Shoreview, MN	22904	SNC	NJ	11/2011	APS CEG ETN EXL KNP OPP		
	1474 (SR/EX) PaR Nuclear, Inc Lynnwood,	WA						
2135 (SR/PR)	PCI Energy Services - Lake Bluff, IL	22880	AEP	NJ	10/2011	DEC DOM PPL		
5615 (SR/PR)	PKMJ Technical Services, Inc. Moon Township, PA	22943	LUM	NJ	09/2011	DEC WCN		
2191 (SR/PR)	PRIME TECHNOLOGY, LLC NORTH BRANFORD, CT	22902	ENT	NJ	08/2011	AUE KNP SCE		
1545 (SR/PR)	QualTech NP, a Division of Curtiss Wright Flow Con - CINCINNATI, OH	22887	EXL	NJ	11/2011	AEP PPL SNC STP		
2290 (SR/PR)	SCHULZ ELECTRIC COMPANY NEW HAVEN, CT	22912	PGE	NJ	10/2011	ENT NPP SCE		
2376 (SR/PR/NP)	Shaw Nuclear Services, Inc Stoughton, MA 2380 (SR/EX) Shaw Nuclear Services, Inc Co	22932 entennial, (NEE CO	NJ	11/2011	DPC FEC LUM NEE SNC SOC SOC STP XEL		
	2378 (SR/EX) Shaw Nuclear Services, Inc Moorestown, NJ 5725 (SR/EX) Shaw Nuclear Services, Inc Charlotte, NC							
1369 (SR/PR)	SPX Corporation, Copes-Vulcan Operation Mc Kean, PA	22917	FEC	NJ	11/2011	AEP BPL SCE		
2385 (SR/PR)	Structural Integrity Associates, Inc. San Jose, CA	22933	NPP	NJ	10/2011	CEG SOC		
	5638 (SR/EX) Structural Integrity Associates, Inc Huntersville, NC							
	5807 (SR/EX) Structural Integrity Associates, Inc Centennial, CO							



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4830 (AQ/PR)	Studsvik Processing Facility-Erwin, LLC Erwin, TN	22876	AEP	NJ	12/2011	PPL WCN
2421 (SR/PR)	Teledyne Instruments, Analytical Instruments City of Industry, CA	22935	ENT	NJ	10/2011	EXL FEC TPC
2468 (SR/PR)	TRANSNUCLEAR, Inc Columbia, MD 4855 (SR/EX) TRANSNUCLEAR INC FRI	22938 EMONT, C <i>i</i>	PPL A	NJ	11/2011	CEG NEE NPP OPP SCE XEL
2505 (SR/PR)	UNITED CONTROLS INTERNATIONAL, INC Norcross, GA	22897	NEE	NJ	08/2011	KNP NPP STP
2512 (SR/PR/NP)	URS Washington Division (Power Business Unit) - Princeton, NJ	22898	EXL	NJ	07/2011	DEC LUM LUM NEE
1155 (SR/PR)	WEIR VALVES & CONTROLS USA, INC. Ipswich, MA	22908	ENT	NJ	10/2011	BPL NPP PGE TVA
1010 (SR/PR)	Westinghouse Electric - Windsor, CT	22841	EXL	NJ	07/2011	ETN OPP PGN PSE SCE
5829 (SR/PR)	Westinghouse Electric - NS Field Services Madison, PA	22862	ENW	NJ	07/2011	AEP CEG ENT LUM
2583 (SR/PR)	Westinghouse Electric - NS Pump & Motor Services - MADISON, PA	22949	DEC	NJ	07/2011	APS DOM DPC PGN TVA
2577 (SR/PR)	WESTINGHOUSE ELECTRIC Nuclear Services RRAS - New Stanton, PA	22947	PPL	NJ	07/2011	KNP NPP PSE SNC STP
2572 (SR/PR)	WESTINGHOUSE ELECTRIC Co. LLC (Nuclear Fuel) - COLUMBIA, SC	22944	SOC	NJ	09/2011	APS AUE DPC FEC SCE SNC STP TPC TVA WCN XEL
2578 (SR/PR)	Westinghouse Electric Company Nuclear Fuel - Cranberry Township, PA	22948	PSE	NJ	09/2011	AEP FEC NEK
1011 (SR/PR)	Westinghouse Electric Company Nuclear Fuel - Windsor, CT	22842	ENT	NJ	09/2011	CEG NEE PGN VAT
5073 (SR/PR)	Westinghouse Electric Company Nuclear Automation - Warrendale, PA	22870	WCN	NJ	07/2011	APS CEG DOM NEE
5072 (SR/PR)	Westinghouse Electric MCR&E Services Monroeville, PA	22868	XEL	NJ	07/2011	NEE OPG SNC STP
	1006 (SR/EX) Westinghouse Electric (formerl	y CE Nuc. S	Services) -	CHATT	ANOOGA, T	N
2576 (SR/PR/NP)	Westinghouse Electric NS Engineering Services - Cranberry Twp., PA	22946	PGE	NJ	07/2011	CFE LUM NEK OPP SCE
2575(SR/PR/ NP)	Westinghouse Electric Quality Prgms & Supp Quality - Cranberry Township, PA	22945	SOC	NJ	07/2011	AUE DPC VAT
9997 (SR/PR)	Westinghouse Fuels - Mega Audit Coordinator - Columbia, SC	22942	PGE	NJ	09/2011	
5716(SR/PR/ NP)	Westinghouse NPP (AP-1000) Cranberry Township, PA	22901	NEE	NJ	07/2011	DPC PGN SNC SOC
5753 (SR/PR)	Westinghouse Specialty Metals Plant Blairsville, PA	22941	EXL	NJ	09/2011	DOM LUM
	4707 (SR/EX) Westinghouse Ogden (WO) - C	GDEN, UT	i			
9999 (SR/PR)	Westinghouse-Mega Audit Coordinator Cranberry Township, PA	22867	FEC	NJ	07/2011	
2629 (SR/PR)	Zetec, Inc Snoqualmie, WA 5674 (SR/EX) Zetec Quebec - Quebec, CD	22951	EXL	NJ	08/2011	CEG OPP XEL