Program Report 2024

POOLED INVENTORY MANAGEMENT

PIM®
pooled inventory management

SAFER 10TH ANNIVERSARY

2014-2024

▲ *Ribbon Cutting Ceremony for the Memphis NSRC in 2014*

2024 marked the 10-year anniversary of the Strategic Alliance for Flexible Emergency Response (SAFER) Program and the establishment of the two (2) National SAFER Response Centers (NSRCs). The NRC approved the SAFER Program and its implementation in September 2014. Images on the cover include SAFER equipment staged for deployment at the NSRCs and the loadout of SAFER equipment into a FedEx 767 wide body jet. The loadout exercise was performed to ensure that the SAFER equipment fits into this particular size aircraft, thereby expanding the various jet sizes that could be utilized in FedEx's fleet.

PROGRAM REPORT

2024

POOLED INVENTORY MANAGEMENT

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Executive Summary

Since 1980 the Pooled Inventory Management (PIM) program has been serving the U.S. nuclear industry by ensuring that critical plant equipment is available and ready for plant installation. PIM provides a means for sites to jointly share the costs to procure, maintain, and store critical plant components. All commercial U.S. Nuclear licensees are "Participants" in the PIM program. Representatives from each company provide the governance and oversight of the PIM program through the PIM Steering and Management Committees, and various subcommittees.

The industry has over $265 million (current value) of critical plant components in PIM. A few equipment examples follow:

- Motors - RHR, Core Spray, and Reactor Recirculation
- Diesel Generators - Fairbanks Morse and EMD
- Pumps - HPCI, RCIC, and TDAFDW
- Control Rod Drives
- Safety-Related Cable (various sizes)
- Final production runs of Safety-Related Switches

PIM provides solutions for addressing equipment long lead-times, obsolescence, and manufacturing special/final runs. A key attribute of the program is that only those sites that need a specific component share the cost of procuring, maintaining, and storing that component. Many critical plant components can be cost prohibitive for a single utility to purchase. Pooling resources (i.e., cost sharing) with other sites reduces each individual site's costs significantly, thereby making equipment available that would not be otherwise. Another PIM benefit is that the equipment held by PIM is not considered site inventory, thereby reducing each site's inventory and associated costs (e.g., maintenance, insurance, taxes, and space).

We at PIM understand the urgency of outage response and that every minute is critical. Typical delivery time of equipment to the requesting site is less than 24 hours (distance dependent) with site delivery usually occurring long before the failed equipment is removed from the plant. In many instances, the plant's failed equipment is sold back into the PIM program where it is refurbished, placed back into storage, and maintained ready for a future plant need for those members of the Equipment Committee (EC).

PIM is here to assist you and your site with inventory reduction initiatives. If your site is storing long lead-time spares that have a low probability of failure, these could be placed in the PIM program and the costs shared with other sites. In this instance, the site sells its equipment into the PIM program but still retains a share of the equipment. This allows the site to recover equipment costs, or some portion thereof, yet still have access

to the equipment should it be needed. This approach removes the equipment from the site's inventory, and alleviates the associated costs.

With an increasing number of sites applying for power uprates, and subsequent license renewals, sites are realizing the need for critical plant equipment that was not previously contemplated. PIM is here to assist in identifying other plants that may have the same need and are interested in jointly sharing the costs to procure, store, and maintain the equipment in the program.

Our team of experienced engineers works with various industry groups (e.g., PWROG, BWROG, EPRI, RAPID) to provide solutions for obtaining plant equipment needed for special testing, as well as long lead-time components needed as contingencies for special inspections. A few examples include the following:

- PWROG project, Reactor Internals candidates for PIM
- Limitorque Actuator housings, BWROG Valve Technical Resolution Group (VTRG)

PIM provides a NUPIC audited 10 CFR 50 Appendix B Program for safety-related equipment. Participants may also place irradiated equipment (low level) in the PIM program through a Radioactive Material License issued by the State of Alabama (NRC agreement state).

PIM storage facility operations are managed by experienced nuclear professionals with years of nuclear site warehouse management and maintenance experience. Storage facility operations are in Memphis, TN and Phoenix, AZ with ANSI Level A, B, C, and D availability. With lift capabilities up to 1,250-tons, and barge and railroad access, no equipment is too large (or too small).

Additionally, PIM manages the two National SAFER Response Centers (NSRCs) for the entire U.S. Nuclear fleet. The NSRCs contain over $72 million of offsite emergency response equipment (FLEX Phase III) deployable to any site within 24 hours.

A Storage and Maintenance Services (SMS) Program is also available for sites requiring additional storage space for their plant equipment for both short-term and long-term needs. The site maintains its ownership of the equipment while in storage in SMS.

Our staff of experienced engineers and maintenance personnel are here to assist you in ensuring critical plant equipment is on hand to keep your site up and running 24/7.

A Message from David

This year, 2025, marks forty-five (45) years of the Pooled Inventory Management (PIM) Program serving the U.S. nuclear fleet. Established in 1980, the PIM Program began with just eight (8) nuclear utilities and General Electric to provide utilities the ability share in the costs of procuring, storing, and maintaining long lead time critical plant equipment. Since that time, it has grown significantly to include all U.S. nuclear sites with approximately $265 million of site equipment in the Program.

2024 marked a significant milestone in the Program's history, as we celebrated the 10-year anniversary of the Strategic Alliance for Flexible Emergency Response (SAFER) Program and the establishment of the two (2) National SAFER Response Centers (NSRCs), one (1) of which is in Memphis, TN, and the other in Pheonix, AZ. The NSRCs store and maintain the U.S. nuclear fleet's FLEX Phase III off-site emergency response equipment for Beyond Design Basis External Events (BDBEEs). SAFER meets the NEI 12-06 requirements for offsite emergency equipment and thereby fulfills the NRC Order EA 12-049 (10CFR 50.155) requirements for all U.S. nuclear licensees. In 2016, SAFER was awarded NEI's Special Top Innovative Practice (TIP) award. SAFER is a testament to what the industry can accomplish when all nuclear licensees work together to achieve a common goal. The SAFER equipment inventory is valued at approximately $72 million.

In 2024, the Program Manager Organization (PMO) continued its commitment to the industry to control costs. First, at the end of 2023 we moved to a new insurance broker, Marsh, and subsequently went out for bids for insurance underwriters for the 2024 policies. As a result, the premium rates were negotiated down to the lowest rates paid in the last twenty (20) years, which yielded a cost avoidance of $181K for 2024. Additionally, we negotiated with the new underwriters to hold the premium rates flat for two (2) years, which extended the rates into 2025. Another key cost avoidance was the PMO's renegotiation of a new 10-year contract between the PMO and Barnhart Crane and Rigging Company

2016 Nuclear Energy Institute TIP Award presentation

(Barnhart). The previous contract was set to expire December 31, 2024. The new/existing contract was Amended, Restated, and finalized on December 17, 2024, with an effective date of January 1, 2025. Barnhart provides the storage facilities in Memphis, TN and Phoenix, AZ, as well as staff to perform the maintenance activities for all equipment in the PIM, SAFER, and SMS Programs. With Barnhart's support, rates paid for storage, equipment, utilities, and labor, were adjusted and better aligned with respective market rates, resulting in a substantial cost avoidance to the Participants. Additionally, in May of 2024, the State of Tennessee passed legislation to simplify the state's Franchise Tax. The Franchise Tax is levied on certain businesses for the right to exist as a legal entity and to do business within a particular jurisdiction. Going forward, the new legislation results in cost savings of $73K per year. The legislation also provided for refunds for previous years all the way back to 2020, totaling over $371K, which was refunded to Participants in the January 2025 invoices issued in February 2025.

Throughout the year we, as the PMO, supported various industry working groups (e.g., BWROG, PWROG, NUOG, Rapid) and investigated several projects (equipment/plant components) on their behalf to share costs with other Participants. In 2025 we will continue to work with these groups to ensure plant critical spares are available.

It is an exciting time to be a part of nuclear generation with shuttered plants potentially coming back on line, many sites investigating building new reactors and/or pursuing license renewals, and all the work occurring with developing small modular reactors. As always, we are here to assist you and your site(s) to ensure plant critical components are immediately available so that your site(s) remain on line 24/7 to generate power for your customers.

The PMO staff and I look forward to working with each of you in the coming year, as we are here to serve you and your needs.

Sr. PMO Manager

PIM Program History

The Pooled Inventory Management (PIM) program operates under Pooled Equipment Inventory Company (PEICo) which holds title to the equipment. PEICo is a membership corporation with no owners, registered in the state of Delaware with a President, who is also PEICo's legal counsel.

PEICo and the PIM Program was officially formed in 1980, by eight (8) utilities owning Boiling Water Reactors (BWRs) and the original charter allowed only BWRs to participate. General Electric was contracted by the utilities to act in a combined role as both the Program Manager and the Primary Equipment supplier.

In 1984, the PIM Program was expanded to include Pressurized Water Reactors (PWRs) which increased the Participants to thirty (30) utilities and sixty (60) reactor units. Due to confidentiality and other concerns, this change made it necessary for PIM's Program Management function to be performed by an impartial party and Southern Company was selected as the Program Manager. Southern Nuclear Services, LLC (SNS), functions as the Program Manager Organization (PMO) and manages the PIM inventory valued at over $265 million with all U.S. nuclear licensees being members (94 reactors).

In January 1985, Engineering and Procurement Services contracts were executed with General Electric and the three primary PWR suppliers – Babcock & Wilcox, Westinghouse, and Combustion Engineering. Southern Company assumed sole responsibilities for Program Management.

In 2011, Storage and Maintenance Services, LLC (SMS) was formed at the request of the PIM Management Committee to expand the PIM Program. The SMS Program provides for all energy companies (fossil, gas, hydro, solar, wind, nuclear, etc.) to have the ability to store equipment at the storage locations while still retaining title to their equipment. The first equipment for storage and maintenance services was received later that year.

In 2012, the Strategic Alliance for FLEX Emergency Response (SAFER) Program was formed (as part of the PIM Program). As a result of the Fukushima Daiichi nuclear accident on March 11, 2011, the NRC issued NRC Order EA-12-049 to strengthen Station Blackout Capabilities and to maintain or restore key safety functions for core cooling, containment integrity, and spent fuel pool cooling for Beyond Design Basis External Events (BDBEEs).

The industry selected the PEICo alliance (i.e., PIM and Framatome [f.k.a. AREVA]), a.k.a. SAFER, to provide the FLEX Phase III offsite emergency response for the U.S. nuclear fleet.

The SAFER offsite emergency response strategy consists of deploying emergency equipment from one (1) of two (2) National SAFER Response Centers by a combination of truck, fixed wing (wide body jets), and helicopters.

The SAFER Program was officially endorsed by the NRC in September 2014.

In 2018, the PIM program expanded to include Loaned Equipment and Rotating Spares. The rotating spares process allows for Equipment Committees (ECs) to be established where plant equipment is rotated with PIM equipment and the loaned equipment process allows for ECs to be established for equipment that is only needed temporarily by a Participant (e.g., outage equipment/tools which are not an integral part of a plant operating system).

In 2021, the Alabama Department of Public Health granted PEICo a Radioactive Materials license. This license allows PEICo to hold title to irradiated equipment removed from a site, thereby allowing Participants to form rotating spare ECs for radioactive equipment. The license also allows for utilities to store irradiated equipment in the Storage and Maintenance Services program.

Since its inception PIM has maintained outstanding quality with a world-class, NUPIC-audited nuclear quality assurance program; strong technical leadership on equipment issues; innovative maintenance and storage programs; and sound fiscal processes and planning. Additional PIM achievements include, but are not limited to:

- Saving participants millions of dollars whenever Participants are able to replace a failed item of equipment with an item stored in PIM.
- Procuring and maintaining a $265 million inventory of critical spare equipment – most of which is long lead time or no longer available.
- Delivering most items withdrawn from PIM inventory to a Participant's plant site within twenty-four (24) hours' notification.

Reactor Coolant Pump Internals withdrawn from PIM Inventory in 2024 by Equipment Committee member.

Benefits of Program

The PIM Program provides Participants the ability to share in the costs of procurement, maintenance, and storage of critical plant equipment that may not otherwise be purchased by an individual site due to the capital investment required.

Most of the equipment in PIM is long-lead time plant critical components. However, the program does contain manufacturer special or final runs, safety-related medium voltage cable, rotating spares, and loaned equipment. Other key benefits include:

Approved 10CFR50 Appendix B QA Program

PEICo maintains a nuclear QA program, audited by Nuclear Procurement Issues Corporation (NUPIC), which allows the PIM program to purchase, store, maintain, and ship nuclear safety-related equipment.

Long Lead Time Reduction

The program ensures availability of expensive, long lead time, critical parts/equipment that may not otherwise be purchased by a single site due to affordability or manufacturing time. No plant component is too large or too small. PIM equipment components range from Emergency Diesels turbine driven pumps to Square D switches. Most of the equipment in the program requires more than 1 - 3 years to manufacture and deliver. PEICo, however, has already purchased hundreds of nuclear plant components, which are currently organized into ~ 203 Equipment Committees.

Investment Cost Sharing

The cost of maintaining the large PEICo inventory is shared by 39 nuclear entities owning or operating a total of 94 nuclear units.

Reduced Utility Inventory

The program also supports site inventory reduction initiatives by providing for sites to sell their infrequently used critical plant components into PIM and yet still have access to these components should they be needed. This approach allows for the site to share the costs with other sites which also need the same equipment. Not only does the site receive payment for selling their equipment (usually the fair market value) but the associated costs of maintenance and storage are shared, the site's storage space is reduced, and the inventory carrying cost is removed. The site maintains an active share of the equipment as a member of the newly formed EC thereby ensuring their sites future access to the equipment should they have need for it.

NEIL Insurance Credits

Nuclear Electric Insurance Limited (NEIL), the insurer for the entire nuclear industry, recognizes that accessibility to critical nuclear components allows a utility to quickly respond to equipment failures and reduces the risk of extended plant outages. Therefore, NEIL awards insurance premium credits to utilities for participation in the PIM program.

Radioactive Equipment Program

PEICo maintains a Radioactive Material license issued by the State of Alabama's Department of Public Health which allows PEICo to hold title to irradiated equipment removed from a site, thereby allowing Participants to form equipment committees for this equipment.

Supports Obsolescence, Critical Spares, License Renewal, and SMR Initiatives

Operational plants will continue to experience obsolescence, implement "critical spares" programs, and receive pressure to reduce inventory. The PIM Program has been designed to accommodate future expansion to support license renewal or new construction of small modular reactors within the U.S.

Fairbanks Morse OP Diesel
2-Year Maintenance

Governance (Industry)

Governance of the Pooled Inventory Management (PIM) Program is performed by the industry Participants through various committees. These committees provide overall direction to the PMO for program operation.

The PIM Management Committee (MC) is made up of representatives from each participating utility. The MC approves all major decisions and policies relating to the overall program. The PIM Steering Committee is a subset of the MC Representatives empowered to implement policy decisions and to provide management oversight of the PIM program.

The PIM Financial Subcommittee (FS) is made up of MC Representatives who oversee and monitor the PMO's financial management of the Program. The FS also ensures annual financial audits are performed.

Voltage Tuning of SAFER 4160V Turbine Generator

Equipment Committees (ECs) are formed for each item of equipment being considered and placed into the Program. Each EC is comprised of only those Participants who have interest in the equipment being considered. EC members provide overall direction regarding specifications, procurement, maintenance, and storage for each equipment item. More detail is provided in the Equipment Committee Formation section later on page 12.

Additionally, any Program Participant may elect to join any EC, provided the equipment is a fit for their site. Many equipment items are procured with any needed modifications, adaptors, connectors, etc., to ensure interchangeability between sites. All PIM equipment is maintained in a ready-to-install condition (with a few EC approved exceptions) under a comprehensive maintenance and inspection program. Currently, there are 203 ECs in the Program. Most items can be delivered to a plant site within twenty-four (24) hours of notification.

Essential Power Diesel Engine EC Members - 1 Utility (5 Reactor Units)

HPCI Main Pump Case EC Members – 6 Utilities (17 Reactor Units)

Reactor Protection System (RPS) M/G Set EC Members – 3 Utilities (3 Reactor Units)

2024 KEY ACCOMPLISHMENTS

- Six (6) equipment withdrawals
- PIM Steering Committee Meeting (January)
- FedEx contract extended for one (1) year while contract renewal activities remained ongoing throughout 2024 and 1Q25. Note: As of March 4, 2025, the FedEx contract has been extended until March 10, 2030.
- Annual Financial Audit resulting in no Findings
- Voltage Tuning of all twenty (20) 4160V Turbine Generators
- Full Scope (PIM, SAFER, & SMS) QA Audit resulting in no Findings
- Issued the 2023 PIM Program Report Book
- PIM Management Committee Meeting (July)
- Resolved PEICo Tennessee Tax (3rd party labor tax)
- PMO traveled to Medford, OR for a meeting with Commercial Heavy-lift Helo Consortium that support the SAFER program
- Held Spring (May) and Fall (October) SAFER EC Meetings
- Duke Energy Limited Scope Audit of Storage and Maintenance Services program resulting in no Findings
- NUPIC Audit of PEICo PIM Program resulting in no Findings
- Fuel Booster Pump Modification installed on 480V Turbine Generators
- Completed Tire Replacement of 368 tires on 46 SAFER semi-trailers at Memphis NSRC
- Barnhart Crane and Rigging contract renewal completed (December)
- Supported eight (8) NSRC Tours for the industry and NRC Staff

Equipment Committee Formation

The Equipment Committees (ECs) are the foundation of the PIM program and where EC Members work together to determine the equipment's technical and procurement requirements and its storage and maintenance requirements.

An EC is formed around a common need, fit, and goal for a contingent, emergent equipment replacement strategy. ECs are also formed to procure manufacturer special or final runs, rotating spares, loaned equipment, and obsolete items. Additionally, the Program supports inventory reduction initiatives where sites can sell their respective inventory equipment thereby recouping their equipment costs and sharing the costs of storage and maintenance with fellow Participants, all the while still retaining access to the equipment, when needed. Also, the site's inventory, associated taxes, and storage space needs are reduced. Please contact the Program Manager Organization (PMO) for assistance in forming ECs. Once notified, the PMO uses Interchangeability studies to determine equipment fit at other sites and thus potential membership in the EC. Two (2) or more Participants are required for each EC that is formed. Engineering & Procurement Services (EPS) contracts are in place with Babcock & Wilcox, Combustion Engineering, Framatome, GE-Hitachi Nuclear Energy Americas LLC, and Westinghouse to assist with equipment technical (interchangeability) studies and any design changes that may be needed.

Once the EC Members are identified, the PMO convenes a meeting to identify potential equipment suppliers, establish the technical requirements (procurement specification when needed), and ultimately issue a Request for Bid (RFB). Once the suppliers' respective bids are received back to the PMO, purchase evaluations are performed and presented to the EC Members. The EC Members then select a supplier and the PMO develops a PEICo purchase order to procure the equipment. The PMO performs any required surveillances during manufacture of the item. The EC members also determine the maintenance required and periodicity, and the rules for replacement/restocking of the equipment when withdrawn for use at a member's site.

Predetermined rules for equipment withdrawal are established by the EC Members when setting up the EC. The criteria are typically based around equipment failures that have consequences such as:

- Shut down or plant derate
- Unable to return to operation after outage
- Scheduled replacement (Rotating Spares committees)

There are also ECs in the Program that are established with rules that have a lower threshold and can be withdrawn "upon demand."

Please contact Diane Coffin, PIM Program Manager, should you have an interest in forming an EC for a needed critical plant component at your site. Once notified, the PMO will work to find other sites who have similar equipment to determine interchangeability with your site's equipment and start the process of reaching out to these potential sites to form an EC and purchase the equipment. The PMO performs many investigations for sites throughout the year.

Withdrawing Equipment

When an EC member withdraws the equipment, the equipment title, held by PEICo, is transferred to the withdrawing EC member once it arrives at the destination.

Withdrawn equipment is typically delivered within twenty-four (24) to thirty-six (36) hours and dependent on plant distance from the storage facility. Typically, the equipment must be installed by the EC Member within fifteen (15) days.

A "Special Withdrawal Agreement" is required to allow a non-EC member to immediately withdraw the equipment for an emergent site need, or a member who needs the equipment but does not meet the withdrawal criteria set forth in the EC rules. This process requires unanimous EC Members' consent.

Joining an existing EC

Sites may join any existing EC if their station has interchangeability with the equipment. If this occurs, existing members will receive a credit since the inventory price per share would be reduced by the addition of new EC members. Please contact Diane Coffin should you have an interest in joining an existing EC. Once notified, the PMO will work to ensure that the equipment identified is interchangeable with your site before moving forward.

Typical Costs for Forming an EC

Typical costs when forming an EC include the completion of an initial and/or detailed interchangeability study, and the PMO hours to support EC meetings, technical specification development (if needed), RFB, purchase order, the equipment purchase costs, and the maintenance and storage costs. These expenses are equally shared by the members of the EC for that equipment.

Example: EC Formation Costs for the Purchase of Safety Related equipment from the closed Duane Arnold Station's inventory (~$12,000)

Typical costs to form an EC average $9,000 - $12,000 and include Engineering, Quality Assurance, and Purchase Order Development costs as noted below:

- EC Meetings for equipment bid development, bid negotiations and acceptance, and development of EC rules
- Development, review, and EC approval of purchase order
- QA review of supplier and supporting records

Quality Assurance

The Pooled Inventory Management (PIM) Organization maintains an effective quality assurance (QA) Program that meets the requirements of 10CFR50, Appendix B. The Pooled Equipment Inventory Company (PEICo) Quality Assurance Manual provides the QA program details which is implemented through PIM procedures and processes. The PEICo QA Manual (Version 11, April 2025) is available on the NUPIC website. The QA program is applied to the PIM Program, the SMS Program, and certain elements of the SAFER Program.

NUPIC audits the PMO and its implementation of the PEICo QA program on a 3-year cycle at all locations (Birmingham, Memphis, and Phoenix) for the PIM, SMS, and SAFER Programs. The last NUPIC audit (5 Auditors and 1 Technical Specialist) of the PIM/SMS Program was performed in November of 2024 with no findings and one (1) deficiency and ultimately concluded that "the staff at PEICo are very knowledgeable on the products and services that they provide to the nuclear industry, and that they have a strong quality culture."

As of the writing of this report, NUPIC had just completed the audit of the SAFER Program which was performed in February of 2025 at the Phoenix, AZ National SAFER Response Center (NSRC). The results were no findings and one (1) deficiency. The NUPIC team (8 Auditors and 1 Technical Specialist) concluded that "PEICo/SAFER was found to be effectively implementing their quality assurance program in meeting the requirements of 10CFR50.155 and NEI 12-06 guidelines except for the one deficiency noted in the report. In addition, the audit team concluded that the deficiency identified has no adverse impact on the quality of the products/services previously or currently being provided by PEICo." The PMO is continuing to work with NUPIC to have the SAFER and PIM/SMS Program audits combined.

The most recent NRC Vendor Inspection of the SAFER Program was completed in September 2022 at the Memphis, TN NSRC utilizing NRC Inspection procedure 43006. The NRC inspection team consisted of two (2) inspectors with the NRC Branch Chief of QA and Vendor Inspection and the NRC Director, Division of Reactor Oversight, participating in the inspection as well. This NRC inspection was also supported by the SAFER Equipment Committee Chairman and Framatome representatives. The inspection focused on the SAFER actions taken as a result of the Susquehanna turbine generator failure event in May of 2021 and resulted in no findings. The NRC inspection team found the implementation of [PEICo/PIM] QA

Annual maintenance of the Post Accident Sampling System (PASS) Casks EC Members – 26 Utilities (46 Reactor Units)

Program met the applicable technical and regulatory requirements imposed on PIM by customers (NRC licensees).

Additionally, a limited scope audit of the Storage and Maintenance Services (SMS) program was performed by two auditors from Duke Energy in September of 2024 which resulted in no findings or deficiencies.

Finally, the annual full scope (PIM/SAFER/SMS) internal audit was conducted in August 2024 by Kinetics (Independent Contractor). The audit was conducted at the Birmingham corporate office, and the Memphis and Phoenix warehouse operations. The results were no findings with one (1) Corrective Action Report and one (1) recommendation.

The QA and Licensing Subcommittee Chairman, Zack Betsill (Southern Nuclear Operating Company, LLC), provided his annual assessment at the Management Committee meeting in July 2024. His report concluded that the PIM/SAFER organization continues to effectively implement the provisions of the PEICo QA Manual, 10CFR50 Appendix B, and ASME/NQA-1 (1994), and conforms to the guidance under NEI 12-06.

High Pressure Coolant Injection (HPCI) Turbine EC Members – 8 Utilities (16 Reactor Units)

10TH ANNIVERSARY 2014-2024 SAFER Program

The Strategic Alliance for FLEX Emergency Response (SAFER) Program provides the U.S. industry's off-site emergency response for Beyond Design Basis External Events (BDBEE). Following the Fukushima Daichi event that occurred in Japan in 2011, the Nuclear Regulatory Commission (NRC) issued Emergency Action Order EA-12-049, "Order Modifying Licensees with Regard to Mitigation Strategies for Beyond-Design-Basis-External-Events (BDBEE)", to all U.S. nuclear licensees. The SAFER Program fulfills the requirements of the NRC Order by implementing the requirements of NEI 12-06, "Diverse and Flexible Coping Strategies (FLEX) Implementation Guide", for offsite resources. The NRC approved the SAFER Program and its implementation in September 2014. The SAFER Program provides the U.S. nuclear industry's offsite emergency response (FLEX Phase 3) to ensure that any site experiencing a BDBEE will continue to maintain reactor core and spent fuel pool cooling.

SAFER STRATEGIC ALLIANCE FOR FLEX EMERGENCY RESPONSE

Two National SAFER Response Centers (NSRCs) provide over $72 million (current value) of emergency response equipment for deployment within 24 hours of notification. The NSRCs are located in Memphis, TN and Phoenix, AZ, respectively. Each NSRC provides SAFER equipment to support 4 reactors or 2 sites. The Program also includes the logistics, transportation contracts (fixed wing, ground, and helicopter), and personnel for deployment and operation of the equipment. Further, the SAFER Program is NRC-inspected and NUPIC audited to ensure continued compliance.

Voltage Tuning of SAFER 4160V Turbine Generators

Key Program activities in 2024 included the voltage tuning of all twenty (20) of the 4160V turbine generators, the fuel booster pump modification installed on the 480V turbine generators and ongoing efforts throughout the year working with FedEx towards contract renewal.

▲ *SAFER equipment staged for deployment at Phoenix NSRC*

▲ *SAFER equipment loadout with FedEx*

◀ *Fuel Booster Pump Modification installed in SAFER 480V Turbine Generators*

SAFER accomplishments in 2024 include:

- FedEx contract extended for one (1) year while contract renewal activities remained ongoing throughout 2024 and 1Q25. Note: As of March 4, 2025, the FedEx contract has been extended until March 10, 2030.
- Held Spring (May) and Fall (October) SAFER EC Meetings.
- Completed Voltage Tuning of all twenty (20) 4160V Turbine Generators.
- PMO traveled to Medford, OR for a meeting with Commercial Heavy-lift Helo Consortium that support the SAFER program.
- Fuel Booster Pump Modification installed on 480V Turbine Generators.
- Conducted eight (8) NSRC Tours for the industry and NRC Staff.
- Federal Express Corporation performed the annual Loadmaster Review of support cribbing for ground and air transportation at the Memphis NSRC with no modifications to cribbing required.
- Performed annual Framatome technician training at the Memphis NSRC the week of June 24, 2024.
- Conducted the annual SAFER Equipment survey with no changes required.
- Performed eight (8) SAFER Tabletop deployment exercises and included Framatome, Federal Express, and Croman Helicopters.
- Completed Tire Replacement of 368 tires on 46 SAFER semi-trailers at Memphis NSRC.
- Turbine Generator borescope inspections at both NSRCs were completed by Mint Turbines.

Radioactive Equipment Program

PEICo holds a Radioactive Materials license granted by the Alabama Department of Public Health. The License allows PEICo to hold title to irradiated equipment removed from a site, thereby allowing Participants to form ECs for radioactive equipment.

Storage of radioactive equipment/components is contracted by PEICo to a supplier and the equipment is stored at the supplier's facility with all the necessary Radiation Protection (RP) controls and monitoring. The contracted scope includes emergent access and equipment maintenance in accordance with PIM procedures. Currently, this program supports the PIM rotating spares ECs.

The Alabama Department of Public Health Office of Radiation Control last inspected the program in December of 2021. The inspection concluded that the program is compliant with Chapter 420-3-26, Radiation Control, Alabama Administrative Code and PEICo's license.

In 2024, Materials Analyst, Korey Pimentel, assumed the role of the Radiation Safety Officer (RSO) and PIM Project Engineer, John McLean, resumed the Radioactive Equipment Program Manager role. Both received RSO certification in 2023 as part of succession planning for these roles.

▲ *Contaminated Reactor Recirc Pump Motor recieved by PIM as replacement motor for rotating spare EC.*

Refurbished Reactor Recirc Pump Motor (pictured above) being shipped to PIM EC member for installation during refuel outage. ▶

PIM Cable Program

The PIM Cable Program also contains eight (8) ECs with ~135,000 linear feet (LF) of safety related medium voltage cable. See table for cable sizes and quantities on-hand. Should you have an interest in joining a Cable EC or if you have an interest in forming an EC for a Cable size not listed, please contact Diane Coffin (PIM Program Manager).

Safety Related/EQ 5 kV & 8 kV Cable

Size	*On Hand (LF)*	*Reserve (LF)*
2/0	15,076	13,000
3/0	11,530*	12,000
4/0	29,964^	32,000
250	20,441	14,000
350	10,888	7,200
500	13,094	10,500
750	29,010	25,000
3/C-250	5,370	1,452

* 470 LF Inventory shortage below reserve quantity was accepted by the EC
^ Purchase Order for Restock of 6000 LF in progress

Storage and Maintenance Operations

There are 203 Equipment Committees (ECs) that require preventive maintenance (PM) activities at the Memphis and the Phoenix storage facilities. Associated with these ECs are 2,460 active PMs.

Preventative Maintenance Breakdown	
Schedule	**Number of PMs**
Monthly	15
Quarterly	212
Semi-Annual	426
Annual	1,088
2-Year	141
3-Year	498
5-Year	3
6-Year	18
10-Year	37
12-Year	8
20-Year	14
1,676 – SAFER equipment PMs	
784 – Traditional PIM equipment PMs	

All equipment is stored in the PIM Storage Facilities, which are leased by SNS from Barnhart Crane and Rigging Company (BCR). The Storage Facilities are located in Phoenix, AZ and Memphis, TN. While both Storage Facilities are readily accessible to air and truck transportation, the Memphis warehouse also has access to rail and barge transportation. The Memphis Storage Facility provides 202,000 sq. ft. of Level A, Level B, Level C and Level D Storage, including the ability to handle heavy and/or oversized equipment. The Phoenix Storage Facility provides 66,381 sq. ft. of Level B and Level D storage. Additionally, both the Memphis and Phoenix locations are home to the U.S. nuclear industry's National SAFER Response Centers.

In 2024, PIM maintenance activities requiring special arrangements and vendor support/ oversight included annual maintenance of the three (3) PAS-1 Casks, two (2) year maintenance of the Fairbanks Morse diesel engine, capacitor shelf life replacement and burn-in for a TIP Drive Assembly and voltage tuning for all twenty (20) of the 4160V SAFER Turbine Generators. The bulk of the activities performed by the storage facilities' staff are preventative and corrective maintenance work orders with 1,763 being completed in 2024.

One significant maintenance activity performed during the year was the voltage tuning of all twenty (20) of the 4160V turbine generators. This is an infrequently performed and high-risk task. The PMO spent a great deal of time planning this activity to ensure proficiency, identifying and mitigating inherent risk to personnel and equipment, and to ensure that it was performed safely. The activity included the support of Barnhart, Caterpillar, Cannon/Wendt, and Turbine Marine.

WAREHOUSE KEY ACCOMPLISHMENTS

- Six (6) Equipment withdrawals with average delivery time of 8 hrs. and 9 minutes
- One hundred and forty-one (141) material receipt inspections
- Completed 1,763 Work Orders
  - 1,078 PM WOs
  - 243 CM WOs
  - 442 humidity WOs
- PASS Casks Annual maintenance (3 Casks) performed
- Capacitor Shelf-Life Replacement and Burn-in for TIP Drive Assembly in Memphis
- Voltage Tuning of all twenty (20) 4160V Turbine Generators
- Booster Pump Modification installed on 480V Turbine Generators
- Fairbanks Morse Diesel Engine 2-YR maintenance performed
- Full Scope (PIM, SAFER, & SMS) QA Audit (Memphis & Phoenix)
- Duke Energy Limited Scope Audit of Storage and Maintenance Services program
- NUPIC Audit of PEICo PIM program
- Annual Financial Audit walkdown of inventory (Memphis & Phoenix)
- Annual Insurance Inspection of facilities and equipment inventory (Memphis & Phoenix)
- Annual SAFER Technician Equipment Training (Duration 1 week in Memphis)
- FedEx Load Master Annual Inspection of SAFER Equipment in Memphis
- Performed borescope inspections on all thirty (30) Turbine Generators
- Tire Replacement of 368 tires on 46 SAFER semi-trailers at Memphis NSRC
- Replaced main fuel rail assemblies on seven (7) Turbine Generators
- Eight (8) NSRC tours for industry and NRC

MEMPHIS - 1701 Dunn Ave., Building 925C, Memphis, TN 38106

- 50,000 Square Feet Level A Storage
- 112,000 Square Feet Level B Storage
- 40,000 Square Feet Level C Storage
- Outside storage space available

PHOENIX - 8100 West Buckeye Road, Phoenix, AZ 85043

- 66,381 Square Feet Level B Storage
- Outside storage space available

Storage and Maintenance Services

PIM also provides a Storage and Maintenance Services (SMS) Program for sites needing additional storage space for their equipment for both short-term and long-term needs. Unlike the PIM program where equipment is shared with other nuclear sites, the site maintains its ownership of the equipment while in storage in SMS. The program is established for nuclear and non-nuclear equipment (e.g., fossil, hydro, solar, transmission/ distribution). An audited 10 CFR 50 Appendix B QA program is available for safety-related components.

With locations in Memphis and Phoenix, SMS offers 200,000 sq. ft. of space to meet any storage and maintenance need. Options include ANSI-Level A (Indoor-Heated/ Cooled), ANSI-Level B (Indoor- Heated) and ANSI-Level C (Indoor-Unheated) and ANSI-Level D (Outdoor-Covered).

SMS also provides experienced maintenance personnel to ensure site-directed maintenance is performed thereby, relieving the plant maintenance department's additional workload. All maintenance activities are performed to high standards utilizing the same personnel, procedures, and processes as the PIM Program.

There are thirty-four (34) storage projects in the SMS program. During 2024, a total of two hundred and seven (207) works orders were performed to maintain the equipment stored in the program which included one hundred and eighty-three (183) preventative maintenance and twenty-four (24) corrective maintenance work orders.

Sites regularly use the SMS program when challenged for storage space, equipment is purchased in advance of planned installation dates, postponement of projects, and/ or site cranes sizes are limited to unload/store large heavy loads. With a 1,250-ton lift capacity, barge delivery on the Mississippi River, and rail access, SMS is capable of meeting site storage needs, regardless of size or weight. Shipping of the equipment to your site is typically within 24 hours of notification.

SMS is a cost-effective solution dedicated to helping sites reduce their in-house equipment inventory and overhead costs by providing high-quality storage, maintenance, and shipping options.

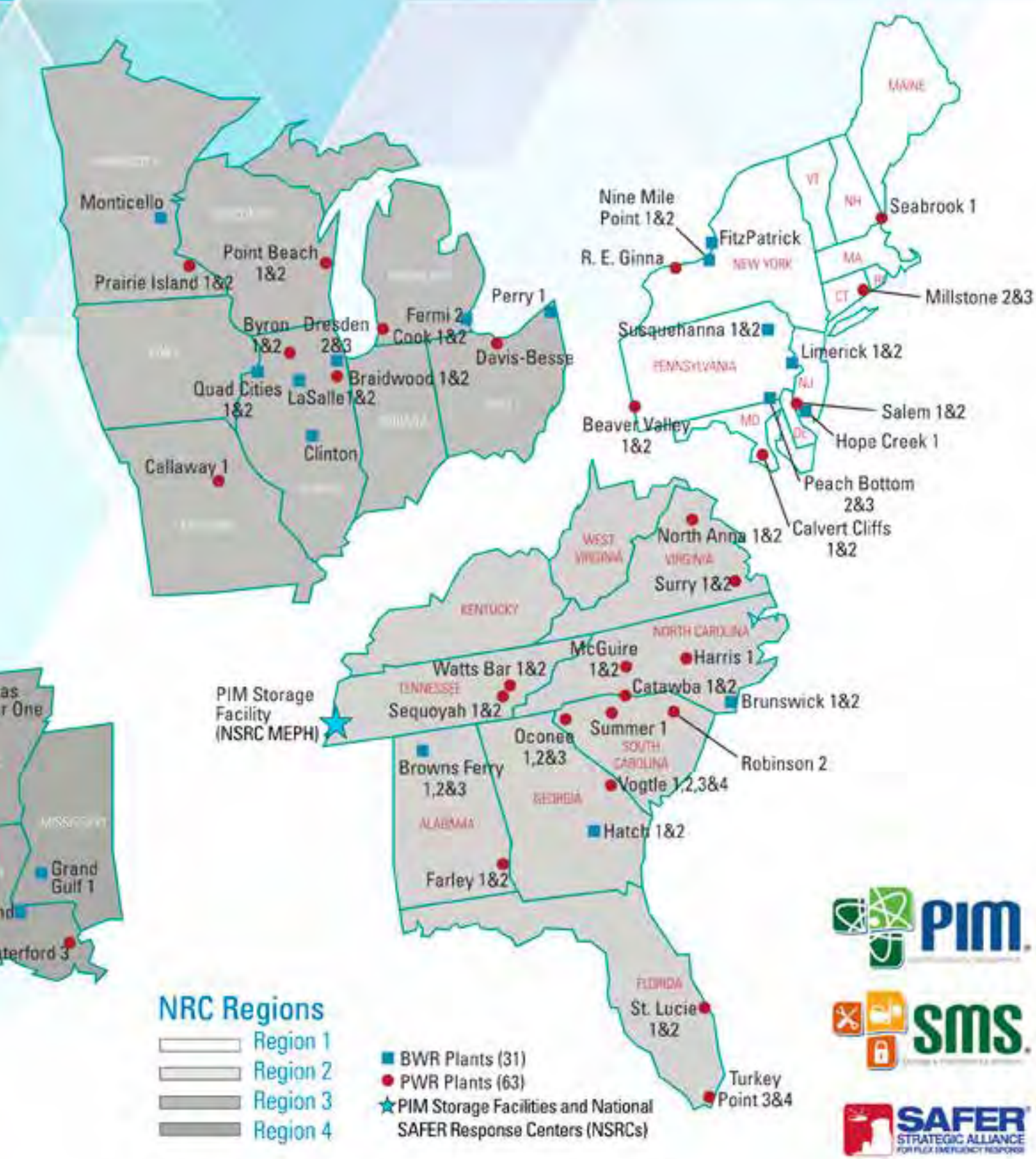
With a 1,250-ton lift capacity, barge delivery on the Mississippi River, and rail access, SMS is capable of meeting site storage needs, regardless of size or weight.

Condensate Pump being offloaded and stored.

EXAMPLES OF SMS PROJECTS

- Generator (Nuclear)
- Reactor Internals (Nuclear)
- 96" Butterfly Valves (Nuclear)
- Exciter (Nuclear)
- Emergency Diesel Generator Cranes (Nuclear)
- VFD Transformer (Nuclear)
- Stator Bars (Nuclear)
- Steam Generator Blowdown Heat Ex (Nuclear)
- Bellows (Nuclear)
- Expansion Joints (Nuclear)
- Circulating Water Valves (Nuclear)
- Potheads (Nuclear)
- I-Seal and Ring Assembly (Nuclear)
- Boiler tubers (Fossil)
- Gas Turbine Parts (Combined Cycle)
- Upper Rear Water Wall Outlet Headers (Fossil)
- Flux Thimbles (Nuclear)
- Vogtle Units 3&4 SAFER Equipment (Nuclear)
- Condensate Pump (Nuclear)
- Turbine Rotor (Combined Cycle)
- ID Fan Motors (Fossil – 80,000 LB)
- Stator Bar Kit (Nuclear)

Pooled Inventory Management
Nuclear Power Stations



Callaway power reactor regulations are administered by Region 4

PIM Participants

Management Committee Representatives and Units

Alabama Power Company, Georgia Power Company
Lynn Murray
Mgr, Supply Chain Management Operations
- Farley 1 & 2
- Hatch 1 & 2
- Vogtle 1 & 2
- Vogtle 3 & 4

American Electric Power Company
Twila Sine (Janeway)
Materials Manager
- D. C. Cook 1 & 2

Arizona Public Service Company
Chad Wolf
Supply Chain Manager / Department Leader
- Palo Verde 1, 2 & 3

Carolina Power & Light Company, Duke Energy Carolinas, LLC
Rick Simmons
Site Supply Chain Manager
- Brunswick 1 & 2
- Robinson 2
- Shearon Harris 1
- Catawba 1 & 2
- McGuire 1 & 2
- Oconee 1, 2 & 3

Constellation Energy Generation, LLC, Calvert Cliffs Nuclear Power Plant, LLC, Constellation Fitzpatrick, LLC, Nine Mile Point Station, LLC, R.E. Ginna Nuclear Power Plant, LLC
John Makar
Senior Supply Operations Specialist
- Braidwood 1 & 2
- Byron 1 & 2
- Calvert Cliffs 1 & 2
- Clinton 1
- Dresden 2 & 3
- FitzPatrick 1
- LaSalle 1 & 2
- Limerick 1 & 2
- Nine Mile Point 1 & 2
- Peach Bottom 2 & 3
- Quad Cities 1 & 2
- R. E. Ginna 1

Dominion Energy Nuclear Connecticut, Inc., Dominion Energy South Carolina, Inc., Virginia Electric and Power Company
James Collins
MGR Nuclear Fleet Emergency Preparedness
- Millstone 2 & 3
- V. C. Summer 1
- North Anna 1 & 2
- Surry 1 & 2

DTE Electric
Aaron Swanson
Lead Procurement Engineering
- Enrico Fermi 2

Energy Northwest
Jeremy Hauger
Vice President, Engineering
- Columbia 2

Entergy Operations, Inc.
Jackson Stafford
Sr. Manager Nuclear Supply Chain Operations
- Arkansas Nuclear One 1 & 2
- Grand Gulf 1
- River Bend 1
- Waterford 3

Nebraska Public Power District
Marshall Van Winkle
Production Manager
- Cooper 1

NextEra Energy Point Beach, LLC, Florida Power and Light Company, NextEra Energy Seabrook, LLC
Angela Wilson
Manager - Inventory Services & SPOC
Point Beach 1 & 2
St. Lucie 1 & 2
Turkey Point 3 & 4
Seabrook 1

Pacific Gas and Electric Company
Melanie Spencer
Manager, DCPP Supply Chain
Diablo Canyon 1 & 2

PSEG Nuclear LLC
Nara Campbell
Procurement Operation Manager
Hope Creek 1
Salem 1 & 2

STP Nuclear Operating Company
Darell Montgomery
Manager, Contracts and Supply Chain
South Texas Project 1 & 2

Susquehanna Nuclear LLC
Darin Hock
Supply Chain Manager
Susquehanna 1 & 2

Tennessee Valley Authority
David Saddler
WBN Site Material Manager
Browns Ferry 1, 2 & 3
Sequoyah 1 & 2
Watts Bar 1 & 2

Union Electric Company dba Ameren Missouri
Carissa Richardson
Supervising Engineer
Callaway 1

Vistra Vision LLCn
Tracy St. Clair
Sr. Manager, Fleet Nuclear Engineering Programs
Beaver Valley 1 & 2
Davis-Besse 1
Perry 1

Vistra Vision LLC
Christopher Miller
Supply Chain Director (Nuclear)
Comanche Peak 1 & 2

Wolf Creek Nuclear Operating Corporation
Joshua Bousum
Manager - Emergency Planning
Wolf Creek 1

Xcel Energy, Inc.
Casey Rossetter
Sr. Material Supply Strategist
Monticello 1
Prairie Island 1 & 2

NOTE: The company name indicated on the Participation Contract is reflected above unless revised in accordance with PRP 18.0.

PIM 2025 Goals

I. Safety

Nuclear Safety

Support nuclear safety across the U.S. industry through the provision of pooled inventory used in maintenance of station equipment. In addition, support nuclear safety through the maintenance of an off-site response capability to the industry during a beyond design basis event, as required by 10 CFR 50.155. Conduct all activities in a manner that encourages individuals to raise safety issues without fear of retaliation.

Metrics:

- Ensure there are no audit, inspection or assessment results that indicate the inability to provide EC member Equipment
- Meet required delivery time for FLEX Phase 3 Equipment
- Return required FLEX Phase 3 Equipment to Ready within required time requirements (i.e., 3 years) when withdrawn
- Maintain required FLEX Phase 3 Equipment available and restore nonfunctional Equipment within 90 days or ensure compensatory measures in place
- Successfully complete FLEX Phase 3 demonstrations and drills

Personal Safety

Recognize and aggressively maintain that all accidents are preventable. Conduct all activities in a manner to prevent personal (workplace and work related) injury.

Metrics:

- Zero Serious injuries
- Zero unplanned radiological exposure or personnel contamination event
- Zero dropped loads

Environmental Safety

Be stewards of the environment and good corporate citizens of our communities.

Metrics:

- No releases to the environment
- No reportable spills to the State

Security

Protect our facilities to ensure the safety of our people and availability of our Equipment and material.

Metrics:

- 98% Security Alarm System availability
- No theft of Equipment and material
- No security threats to personnel
- Zero (0) Cyber Security events

II. Costs

GE-Hitachi, Westinghouse, and Non-Emergency: Operate within the approved RMS budgets while supporting PIM's needs and goals.

PMO: Continue to explore opportunities for program cost reduction.

Metrics:

- Identify three (3) Cost Savings and/or Cost Avoidance initiatives annually
- Provide advanced notice to MC Representatives for out-of-the-ordinary costs
- Ensure no financial audit findings
- Maintain PIM invoices by Participants, that are greater than 30 days past due, to be less than or equal to 5% of the outstanding balance

III. Service Levels

Participants, EPS Contractors, and PMO: Maximize the efficiency and value of PIM by identifying, on an ongoing basis, opportunities to form new Equipment Committees.

PMO: Continue to explore opportunities for increased service.

Metrics:

- Explore opportunities for two new ECs by participating in industry working groups (e.g., BWROG, PWROG, RAPID, NUOG)

IV. Quality

PMO: Ensure an effective implementation of the PEICo Quality Assurance (QA) Program. Continue implementation of strong Foreign Material Exclusion (FME) controls and housekeeping techniques.

Metrics:

- Perform maintenance to a high standard of quality
- Ensure equipment and maintenance records are complete
- Ensure no returned equipment due to non-compliance with PIM criteria
- Implement an effective Corrective Action Program through low threshold for reporting issues and gaps and that they are effectively closed
- Achieve satisfactory evaluation and promptly resolve findings from internal QA audits
- Achieve satisfactory evaluation and promptly resolve findings from NUPIC audits

V. Readiness

Participants, PMO, and EPS Contractors: Continue to maintain Equipment in a "service ready" condition, available for withdrawal. Promptly resolve any questions related to equipment acceptability. Implement PIM's shelf life replacement policy and communicate policy exceptions to Participants.

Metrics:

- Perform maintenance on schedule (excluding PMs overdue due to equipment being degraded, nonfunctional, or offsite at a vendor facility)
- Identify future shelf life issues and initiate actions such that replacements will be available upon expiration date
- Implement timely and effective resolution of Nonconformance Reports (NCRs)

VI. Asset Protection

Participants and PMO: Monitor Participation Contract and PIM Rules and Procedures changes to assure that withdrawals of Inventory Equipment continue to effectively support the original underlying risk protection purpose of PIM (i.e., check and adjust, as needed).

Metrics:

- Ensure consistent implementation of the withdrawal criteria defined in Participation Contract Article III.D
- Issue approved changes to Appendix J of the Participation Contract in a timely manner

PIM Equipment in Storage (as of 12/31/2024)

Equipment Committee	Equipment Type	Description (Quantity)	Manufacturer	Model Number or Part Number	Equipment Location
B13AB201A001	Forgings	Safe End Forgings (11)	Lenape Forge	137C7959P001	MEMPHIS
B13AB201B001	Sleeves	Thermal Sleeves (11)	Lenape Forge	18BP13AB201G001	MEMPHIS
B13AB201B002	Sleeves	Thermal Sleeves (11)	Lenape Forge	18BP13AB201G001	MEMPHIS
B13AB202A001	Castings	Fuel Support Castings (3) & Orifices (12)	General Electric	729E584P001 & 158B7934P1000	MEMPHIS
B13AB202B001	Castings	Fuel Support Castings (10)	General Electric	762E626P001	MEMPHIS
B13AB202C001	Orifice	Fuel Support Orifices (40)	General Electric	158B7934P1000	MEMPHIS
B13AB501B001	Bolt	Jet Pump Beam Bolt Assemblies, Type 2 (2)	General Electric	137C5238G002	MEMPHIS
B33AC203A001	Impeller	Recirc. Pump Rotating Element (1)	Byron Jackson	127697	MEMPHIS
B33AC301A002	Pump	Recirc. Pump Hydro Bearing & Misc. Parts (1)	Byron Jackson	18PB33AC301G001	MEMPHIS
B33AC301A003	Pump	Recirc. Pump Hydro Bearing (1)	Byron Jackson	18PB33AC301G001	MEMPHIS
B33AC501B001	Pump	Recirc. Pump Heat Exchanger & Pump Cover (1)	Byron Jackson		MEMPHIS
B33AC504A001	Pump	Recirc. Pump Heat Exchanger, Cover Assy (1)	Byron Jackson	YC605 & YF165	MEMPHIS
B33AC601A001	Pump	Recirc. Pump Driver Mount (1)	Esco Corp		MEMPHIS
B33AC601A001	Pump	Recirc. Pump Case (1)	General Electric		MEMPHIS
B33AG105B001	Coupling	Recirc. MG Set Couplings (6)	Kop-Flex		MEMPHIS
B33AG203A001	Exciter	Recirc. MG Set Exciter Field (1)	General Electric	5AR599A22	MEMPHIS
B33AG205A001	Generator	Recirc. MG Set Stator (1)	General Electric	5AR599A6	MEMPHIS
B33AG301A001	Drive	Recirc. MG Set Fluid Drive & Cover (1)	American Davidson		MEMPHIS
B33AG301A001	Motor	Recirc M/G Set Fluid Drive Motor (1)	Dyna Pure		MEMPHIS
B33AG302A001	Drive	Recirc. MG Set Fluid Drive Outer Casing (1)	American Davidson	78-DP-7298-1/2	MEMPHIS
B33AG302A001	Drive	Recirc. MG Set Fluid Drive Inner Casing (1)	American Davidson	78-DP-3488	MEMPHIS
B33AG302A001	Impeller	Recirc. MG Set Fluid Drive Output Rotating Assembly (2)	American Davidson	78-DS-7289-1/2	MEMPHIS
B33AG302A001	Impeller	Recirc. MG Set Fluid Drive Input Rotating Assembly (1)	American Davidson	427-5H-SP	MEMPHIS
B33AG302B001	Bearing	Recirc. MG Set Fluid Drive Journal Bearings (4)	American Davidson	79-PP-1787 & 1789	MEMPHIS
B33AG302C001	Coupling	Recirc. MG Set Couplings (8)	Kop-Flex		MEMPHIS

Equipment Committee	Equipment Type	Description (Quantity)	Manufacturer	Model Number or Part Number	Equipment Location
B33AG303A001	Drive	Recirc. MG Set Fluid Drive Impeller/Runner Pillow Block Assembly (1)	American Davidson	78SA-2868/9	MEMPHIS
B33AG303A001	Impeller	Recirc. MG Set Fluid Drive Input Rotating Assembly (1)	American Davidson	78DS-7304-1	MEMPHIS
B33AG303A001	Impeller	Recirc. MG Set Fluid Drive Output Rotating Assembly (1)	American Davidson	78DS-7306-1	MEMPHIS
B33AG303A001	Tube	Recirc. MG Set Fluid Drive Scoop Tube (1)	American Davidson	78-DP-4500-2	MEMPHIS
B33AG303A001	Tube	Recirc. MG Set Fluid Drive Scoop Tube Spacer Plate (1)	American Davidson	78-AP-7309-1	MEMPHIS
B33AG303A001	Bearing	Recirc. MG Set Fluid Drive Thrust Bearing (1)	American Davidson	78-SA-1748	MEMPHIS
B33AG303A001	Bearing	Recirc. MG Set Fluid Drive Journal Bearings (2)	American Davidson	78PP-2717/2718	MEMPHIS
B33AG303A002	Drive	Recirc. MG Set Fluid Drive Impeller/Runner Pillow Block Assembly (1)	American Davidson	78-SA-2868/9	MEMPHIS
B33AG303A002	Impeller	Recirc. MG Set Fluid Drive Output Rotating Assembly (1)	American Davidson	78-DS-7306-2	MEMPHIS
B33AG303A002	Impeller	Recirc. MG Set Fluid Drive Input Rotating Assembly (1)	American Davidson	78-DS-7304-2	MEMPHIS
B33AG303A002	Tube	Recirc. MG Set Fluid Drive Scoop Tube (1)	American Davidson	78-DP-4500-2	MEMPHIS
B33AG303A002	Tube	Recirc. MG Set Fluid Drive Scoop Tube Spacer Plate (1)	American Davidson	78-AP-7309-1	MEMPHIS
B33AG303A002	Bearing	Recirc. MG Set Fluid Drive Journal Bearings (1)	American Davidson	78-PP-2717/2718	MEMPHIS
B33AG303A002	Bearing	Recirc. MG Set Fluid Drive Thrust Bearing (1)	American Davidson	78-SA-1748	MEMPHIS
B33AG305A001	Drive	Recirc. MG Set Fluid Drive (1)	Howden Sirocco	78-497-5H-SPS-37	MEMPHIS
B33BM105A001	Motor	Recirc. MG Set Motor (1)	Reliance	Type: P, Frame: 600	MEMPHIS
B33BM105A001	Motor	Recirc. MG Set Motor Pedestal Mtg. Block Assembly (1)	Reliance		MEMPHIS
B33BM105A001	Motor	Recirc. MG Set Motor Rotor (1)	Reliance		MEMPHIS
BP0AADRST001A001	Actuator	Aux. Feedwater Governor Actuator (1)	Woodward	9903-472, Type: PGPL	MEMPHIS
BP0AADRST001A001	Turbine	Aux. Feedwater Turbine (1)	Dresser Rand	Type: ZS-4N	MEMPHIS
C11AC102D001	Pump	CRD Pump Casing and Pump Parts (1)	Flowserve	2 WT 810	MEMPHIS
C11AC102D001	Impeller	CRD Pump Rotating Element (1)	Flowserve	2 WT 810	MEMPHIS
C11AC202A001	Gear	CRD Pump Gear Box (1)	Lufkin	NF807C	MEMPHIS
C11AC202A002	Gear	CRD Pump Gear Box (1)	Lufkin	NF807C	MEMPHIS
C11AM102A001	Motor	CRD Pump Motor (1)	General Electric	5K818840C23	MEMPHIS
C11AM102B001	Motor	CRD Pump Motor (1)	Reliance	Type: PB, Frame: 105EA5008Z	MEMPHIS
C41AC101A001	Pump	SBLC Pump (1)	Union	TD-60	MEMPHIS
C41AC101A001	Motor	SBLC Pump Motor (1)	General Electric	5K324AK2120	MEMPHIS
C41AC101A001	Gear	SBLC Pump Gear Box (1)	Union		MEMPHIS

Equipment Committee	Equipment Type	Description (Quantity)	Manufacturer	Model Number or Part Number	Equipment Location
C41AC101B001	Pump	SBLC Pump (1)	Union	TD-60	MEMPHIS
C41AC101B001	Motor	SBLC Pump Motor (1)	General Electric	5K326XAM228V	MEMPHIS
C41AC101B001	Gear	SBLC Pump Gear Box (1)	Union		MEMPHIS
C41AC101B002	Pump	SBLC Pump (1)	Union	TD-60	MEMPHIS
C41AC101B002	Motor	SBLC Pump Motor (1)	General Electric	5K326XAM228V	MEMPHIS
C41AC101B002	Gear	SBLC Pump Gear Box (1)	Union		MEMPHIS
C41AC102C001	Pump	SBLC Pump (1)	Union	TD-60	MEMPHIS
C51AK301A001	TIP	TIP Proximity Modification Kit (1)	General Electric	RS-E2-0090	MEMPHIS
C51AK301A001	TIP	TIP Purge Air Control (1)	General Electric	137D7372G003	MEMPHIS
C51AK301A001	TIP	TIP Indexer Mechanism (1)	General Electric / Reuter Stokes	137D7353G003	MEMPHIS
C51AM301A001	Tube	SRM/IRM Drive Parts: Drive Tube (1)	General Electric		MEMPHIS
C51AM301A001	Tube	SRM/IRM Drive Parts: Shuttle Tube (1)	General Electric		MEMPHIS
C51AM301A001	Motor	SRM/IRM Drive Parts: Motor Module (1)	General Electric	135B9892G001	MEMPHIS
C51AM301A001	Gear	SRM/IRM Drive Parts: Gear Box (1)	General Electric		MEMPHIS
C51AM301A001	Drive	SRM/IRM Drive Parts: Detector Drive (1)	General Electric		MEMPHIS
C51AM302A001	TIP	TIP Drive Mechanism (1)	General Electric	945E573G006	MEMPHIS
C71AG101A001	Motor	RPS MG Set Motor (1)	William Horlick	L254750000	MEMPHIS
C71AG101A001	Generator	RPS MG Set Generator (1)	William Horlick	L254750000	MEMPHIS
C71AG101A001	Generator	RPS MG Set (1)	William Horlick	60FW-151	MEMPHIS
C71AG101C001	Motor	RPS MG Set Motor (1)	General Electric	55-10-3030	MEMPHIS
C71AG101C001	Generator	RPS MG Set Generator (1)	General Electric	55-10-3035	MEMPHIS
C71AG101C001	Exciter	RPS MG Set Exciter with shaft (1)	General Electric	18R2573G1	MEMPHIS
CE2203993039A002	Pump	Nash Condenser Vacuum Pump (1)	Nash	Test No. 91U1437	MEMPHIS
CE2203993039A003	Pump	Nash Condenser Pump Repair Kit and Bearings (1)	Nash		MEMPHIS
CE2203993039B001	Pump	Nash Condenser Vacuum Pump CL-20 (1)	Nash	Series CL-2003 Test No. BS1600361001	MEMPHIS
CE5716093038A001	Turbine	Aux. Feedwater Turbine (1)	Dresser Rand	U-25794	MEMPHIS
CE5716093038B001	Turbine	Aux. Feedwater Turbine (1)	Dresser Rand	U-25795	MEMPHIS
CE5716093038D002	Impeller	Aux. Feedwater Turbine Spare Rotating Assembly (1)	Dresser Rand	800675-701	MEMPHIS
CE5716093038E001	Valve	Aux. Feedwater Turbine Governor End Pedestal Assembly (1)	Dresser Rand	80004700	MEMPHIS
CE5716093038F001	Valve	Aux. Feedwater Turbine Governor End Pedestal Assembly (1)	Dresser Rand	113582A03	MEMPHIS

Equipment Committee	Equipment Type	Description (Quantity)	Manufacturer	Model Number or Part Number	Equipment Location
CE5716093038H001	Valve	Valve Governor with Spare Bonnet for Auxiliary Feedwater Turbine Model GS-2N (1)		801368-701	MEMPHIS
CE5716093038J001	Impeller	Spare Rotating Assembly GS-2N		For model U-25794 turbine	MEMPHIS
D24AE101A001	Cask	PASS CASK (1)	NUPAC	PAS-1	MEMPHIS
D24AE101A002	Cask	PASS CASK (1)	NUPAC	PAS-1	MEMPHIS
D24AE101A003	Cask	PASS CASK (1)	Federal Pacific	PAS-1	MEMPHIS
D24AE101C001	Cask	PASS Sample Cask (1)	NUPAC	FV-20-2000 R/8	MEMPHIS
E12AC102B001	Impeller	RHR Pump Rotating Element (1)	Sulzer Bingham	2255154	MEMPHIS
E12AC102B002	Impeller	RHR Pump Rotating Element (1)	Sulzer Bingham	2255154	MEMPHIS
E12AC103A001	Pump	RHR Pump Case (1)	Byron Jackson	Type: DVDS, Size: 16x20x23	MEMPHIS
E12AC103A001	Impeller	RHR Pump Rotating Element (1)	Byron Jackson	NY-0625-ERY	MEMPHIS
E12AC103B001	Impeller	RHR Pump Rotating Element (1)	Byron Jackson	NY-0625-FW	MEMPHIS
E12AM101A001	Motor	RHR Motor (1)	Reliance	Type: P Frame: VZ8040	MEMPHIS
E12AM104B001	Motor	RHR Motor (1)	General Electric	5K6339XC201A	MEMPHIS
E12AM104B002	Motor	RHR Motor (1)	General Electric	5K6339XC201A	MEMPHIS
E12AM104B003	Motor	RHR Motor (1)	General Electric	5K6339XC201A	MEMPHIS
E12AM104D001	Coupling	RHR Motor Coupling (2)	Byron Jackson / Sulzer Bingham		MEMPHIS
E12AM104D002	Coupling	RHR Motor Coupling (4)	Sulzer Bingham / Ingersoll Rand / Byron Jackson		MEMPHIS
E12AM104G001	Motor	RHR Pump Motor Adapter Plate & Hardware (1)	General Electric		MEMPHIS
E12AM105A002	Motor	RHR Motor (1)	General Electric	5K6339XC255A	MEMPHIS
E21AC101A001	Impeller	LPCS Pump Rotating Element (1)	Bingham Willamette	2213823	MEMPHIS
E21AC101B001	Pump	LPCS Pump Shaft (1)	Sulzer Bingham	E11161	MEMPHIS
E21AC101C001	Pump	LPCS Pump Shaft (1)	Sulzer Bingham	E10445	MEMPHIS
E21AC101D001	Pump	LPCS Pump Impeller (1)	Sulzer Bingham	D09949	MEMPHIS
E21AC101E001	Pump	LPCS Pump Impeller (1)	Sulzer Bingham	D09436	MEMPHIS
E21AC101F001	Pump	LPCS Pump Misc. Parts (1)	Sulzer Bingham		MEMPHIS
E21AC101F002	Pump	LPCS Pump Misc. Parts (1)	Sulzer Bingham		MEMPHIS
E21AC102A001	Pump	LPCS Pump Case (1)	Borg Warner		MEMPHIS

Equipment Committee	Equipment Type	Description (Quantity)	Manufacturer	Model Number or Part Number	Equipment Location
E21AC102A001	Impeller	LPCS Pump Rotating Element (1)	Byron Jackson		MEMPHIS
E21AC102B001	Impeller	LPCS Pump Rotating Element (1)	Byron Jackson	669886	MEMPHIS
E21AC105A001	Pump	LPCS Pump Case (1)	Byron Jackson	Type: DVDS, Size 10x12x14	MEMPHIS
E21AC105A001	Impeller	LPCS Pump Rotating Element (1)	Byron Jackson		MEMPHIS
E21AM101A004	Motor	LPCS Pump Motor (1)	Reliance	Type: P, Frame: VZ5830	MEMPHIS
E21AM102B002	Motor	LPCS Pump Motor (1)	Reliance	Type: P, Frame: VZ5840	MEMPHIS
E21AM102C001	Coupling	LCPS Pump Motor Coupling (1)	Byron Jackson		MEMPHIS
E21AM102C002	Coupling	LPCS Pump Motor Coupling (1)	Byron Jackson		MEMPHIS
E21AM102D003	Coupling	LPCS Pump Motor Coupling (1)	Sulzer Bingham	2213833	MEMPHIS
E21AM102D004	Coupling	LPCS Pump Motor Coupling (1)	Sulzer Bingham	2213833	MEMPHIS
E21AM102E001	Coupling	LPCS Pump Motor Coupling (1)	Sulzer Bingham	2213823	MEMPHIS
E21AM102E002	Coupling	LPCS Pump Motor Coupling (1)	Sulzer Bingham	2213823	MEMPHIS
E21AM104A002	Motor	Core Spray Pump Motor (1)	Reliance	Type: P, Frame: VZ6840	MEMPHIS
E21AM107A001	Motor	LPCS Pump Motor (1)	Reliance	Type: P, Frame: VZ63830S	MEMPHIS
E41AC101A001	Pump	HPCI Main Pump Case (1)	Byron Jackson	Type: DVMX Size: 10x12x15	MEMPHIS
E41AC101B001	Impeller	HPCI Main Pump Rotating Element (HC2) (1)	Byron Jackson		MEMPHIS
E41AC101D001	Impeller	HPCI Main Pump Rotating Element (Low Flow) (1)	Byron Jackson		MEMPHIS
E41AC101E001	Impeller	HPCI Main Pump Rotating Element (1)	Flowserve	10570522	MEMPHIS
E41AC201A001	Pump	HPCI Booster Pump Case (1)	Byron Jackson	Type: DVS Size: 12x14x23	MEMPHIS
E41AC201B001	Impeller	HPCI Booster Pump Rotating Element (1)	Byron Jackson		MEMPHIS
E41AC201C001	Impeller	HPCI Booster Pump Rotating Element (Hi Flow) (1)	Byron Jackson		MEMPHIS
E41AC201D001	Impeller	HPCI Booster Pump Rotating Element (Low Flow) (1)	Byron Jackson		MEMPHIS
E41AC301B001	Gear	HPCI Gear Box (1)	Westech Gear	4110	MEMPHIS
E41AC301C001	Gear	HPCI Gear Set (1)	Westech Gear	4110	MEMPHIS
E41AC301E001	Coupling	HPCI Turbine to Main HPCI Pump Coupling (1)	Kop-Flex	Type: FBPL Size: 4 1/2	MEMPHIS

Equipment Committee	Equipment Type	Description (Quantity)	Manufacturer	Model Number or Part Number	Equipment Location
E41AC301E001	Coupling	HPCI Booster Pump to Transfer Box Coupling (1)	Kop-Flex	Type FBLP Size 3 1/2	MEMPHIS
E41AT102A001	Turbine	HPCI Turbine (1)	Terry	Type: CCS	MEMPHIS
E41AT102A001	Turbine	HPCI Turbine Receiving Tank (1)	Nash	Size: S3550S15	MEMPHIS
E41AT102A001	Turbine	HPCI Turbine Barometric Condenser Tube (1)	United Tool		MEMPHIS
E41AT102A001	Pump	HPCI Turbine Main Oil Pump (1)	DeLaval "Imo"	A3-DBCX-187	MEMPHIS
E41AT102A001	Pump	HPCI Turbine Auxiliary Oil Pump & Base	Tuthill	5 CEN-CC	MEMPHIS
E41AT102A001	Pump	HPCI Turbine Condensate Pump (1)	Nash	Size: S 1- 1/4 C	MEMPHIS
E41AT102A001	Motor	HPCI Turbine Condensate Pump Motor (1)	Reliance	709252-GY	MEMPHIS
E41AT102A001	Motor	HPCI Turbine Auxiliary Oil Pump Motor (1)	General Electric	5CD164TA879A800	MEMPHIS
E41AT102A001	Pump	HPCI Turbine Vacuum Pump (1)	Nash	Size: MD-573	MEMPHIS
E41AT102A001	Motor	HPCI Turbine Vacuum Pump Motor (1)	Reliance	L264129TIEY	MEMPHIS
E41AT102A001	Governor Controls	Remote Servo (1)	Woodward	9903-060-RR	MEMPHIS
E41AT102A001	Actuator	EGR Hydraulic Actuator (1)	Woodward	9903-099-RR	MEMPHIS
E41AT102A001	Governor Controls	RGSC Box (1)	Woodward	9903-091-RR	MEMPHIS
E41AT102A001	Governor Controls	Resistor Box (1)	Woodward	9903-020-RR	MEMPHIS
E41AT102A001	Governor Controls	EGM Control Box (1)	Woodward	9903-109-RR	MEMPHIS
E41AT102A001	Valve	Stop Valve with Hydraulic Cylinder (1)	Schutte & Koerting	Type: M70-00697-V Size: 10"	MEMPHIS
E41AT102B001	Turbine	HPCI Turbine (1)	Terry	Type: CCSN	MEMPHIS
E41AT102B001	Pump	HPCI Turbine Main Oil Pump (1)	DeLaval "Imo"	G3-DBCX-187	MEMPHIS
E41AT102B001	Governor	Remote Servo (1)	Woodward	9903-060	MEMPHIS
E41AT102H001	Oil Cooler	HPCI Turbine Oil Cooler (1)	American Standard	C210	MEMPHIS
E41AT102H001	Turbine	HPCI Turbine Oil Relay Assembly (1)	Terry		MEMPHIS
E41AT102H001	Turbine	HPCI Turbine Bearing Pedestal (1)	Terry		MEMPHIS
E41AT102H001	Turbine	HPCI Turbine Hydraulic Trip Assembly (1)	Terry		MEMPHIS
E41AT102H001	Valve	HPCI Turbine Stop Valve with Hydraulic Cylinder (1)	Schutte & Koerting	M69-0114V	MEMPHIS
E41AT102H001	Pump	HPCI Turbine Main Oil Pump (Shaft Driven) (1)	DeLaval "Imo"	A3-DBCX-187	MEMPHIS
E41AT102H001	Pump	HPCI Turbine Auxiliary Oil Pump (1)	Tuthill	5CEN	MEMPHIS
E41AT102H001	Motor	HPCI Turbine Auxiliary Oil Pump Motor (1)	General Electric	5CD164WA00A801	MEMPHIS
E41AT102K001	Fastener	HPCI Turbine Casing Horizontal Flange Nuts (15)	Dresser Rand		MEMPHIS
E41AT102M001	Impeller	HPCI Turbine Rotating Element & Misc. Parts (1)	Dresser Rand	Frame: CCS	MEMPHIS

Equipment Committee	Equipment Type	Description (Quantity)	Manufacturer	Model Number or Part Number	Equipment Location
E51AC101A001	Pump	RCIC Pump (1)	Bingham Willamette	Type: CP Size: 6x6x10.5	MEMPHIS
E51AC102A001	Pump	RCIC Pump (1)	Bingham Willamette	Type: MSD Size: 6x6x10.5	MEMPHIS
E51AC103C001	Impeller	RCIC Pump Rotating Element (1)	Sulzer Bingham	Type: MSD Size: 4x6x9B	MEMPHIS
E51AC103D001	Impeller	RCIC Pump Rotating Element (1)	Sulzer Bingham	Type: MSD Size: 4x6x9B	MEMPHIS
E51AC103E001	Pump	RCIC Pump Casing (1)	Bingham Willamette	Type: MSD Size: 4x6x9B	MEMPHIS
E51AC103F001	Pump	RCIC Pump Parts including Mechanical Seal (1)	Sulzer Pumps/ Durametallic	1662994	MEMPHIS
E51AT101A003	Actuator	RCIC Turbine Limitorque Operator (1)	Limitorque	Type: SMB-000	MEMPHIS
E51AT101A003	Valve	RCIC Turbine Trip & Throttle Valve (1)	Schutte & Koerting	Size: 3 X 4	MEMPHIS
E51AT101A003	Valve	RCIC Turbine Governor Valve (1)	Woodward		MEMPHIS
E51AT101A003	Turbine	RCIC Turbine Gland Seal Condenser Tank (1)	Nash		MEMPHIS
E51AT101A003	Oil Cooler	RCIC Turbine Oil Cooler (1)	Dresser Rand	Type: MHT-4-S (2 ½)-CB (Equivalent to Size:4-Y-42	MEMPHIS
E51AT101A003	Pump	RCIC Turbine Vacuum Pump (1)	Nash	Size: MD-671	MEMPHIS
E51AT101A003	Motor	RCIC Turbine Vacuum Pump Motor (1)	Reliance	Frame 215AY, Form T	MEMPHIS
E51AT101A003	Pump	RCIC Turbine Condensate Pump (1)	Nash	Size: 1-1/4 C, S235CS17	MEMPHIS
E51AT101A003	Motor	RCIC Turbine Condensate Pump Motor (1)	Reliance	Type: TR, Frame 1610 ATC	MEMPHIS
E51AT101A003	Motor	RCIC Turbine Limitorque Motor (1)	Peerless Electric	Frame D56AA	MEMPHIS
E51AT101A003	Turbine	RCIC Turbine	Terry	Type: GS-2	MEMPHIS
E51AT101A003	Governor Controls	Remote Servo (1)	Woodward	9903-033-RR	MEMPHIS
E51AT101A003	Actuator	EGR Hydraulic Actuator (1)	Woodward	A9903-207	MEMPHIS
E51AT101A003	Governor Controls	RGSC Box (1)	Woodward	A8270-957-RR	MEMPHIS
E51AT101A003	Governor Controls	Resistor Box (1)	Woodward	9903-020	MEMPHIS
E51AT101A003	Governor Controls	EGM Control Box (1)	Woodward	9903-188-RR	MEMPHIS
E51AT101B001	Valve	RCIC Turbine Governor Valve (1)	Terry	77336D	MEMPHIS

Equipment Committee	Equipment Type	Description (Quantity)	Manufacturer	Model Number or Part Number	Equipment Location
E51AT101B001	Actuator	RCIC Turbine Limitorque Operator (1)	Limitorque	SMB-000	MEMPHIS
E51AT101B001	Valve	RCIC Turbine Trip & Throttle Valve (1)	Schutte & Koerting	Size: 3"	MEMPHIS
E51AT101B001	Turbine	RCIC Turbine Barometric Condenser Pipe (1)	United Tool		MEMPHIS
E51AT101B001	Turbine	RCIC Turbine Burgess Flow Assembly (1)	Burgess Ind.	51-177-0-10	MEMPHIS
E51AT101B001	Turbine	RCIC Turbine (1)	Terry	Type: GS-1	MEMPHIS
E51AT101B001	Pump	RCIC Turbine Main Oil Pump (Shaft Driven) (1)	Tuthill	ORFD-A-1	MEMPHIS
E51AT101B001	Motor	RCIC Turbine Limitorque 2 ft-lb Motor (1)	Peerless Electric	173-18-007-0	MEMPHIS
E51AT101B001	Governor Controls	Remote Servo (1)	Woodward	9903-033-RR	MEMPHIS
E51AT101B001	Actuator	EGR Hydraulic Actuator (1)	Woodward	A9903-207	MEMPHIS
E51AT101B001	Governor Controls	RGSC Box (1)	Woodward	8270-848	MEMPHIS
E51AT101B001	Governor Controls	Resistor Box (1)	Woodward	9903-020-RR	MEMPHIS
E51AT101B001	Oil Cooler	RCIC Turbine Lube Oil Cooler (1)	Whitlock	Size: 4-Y-42	MEMPHIS
E51AT101E001	Pump	RCIC Condensate Pump (1)	Nash	Type: T, Size: 1-1/4 C	MEMPHIS
E51AT101E001	Motor	RCIC Condensate Pump Motor (1)	Reliance	Frame 1610	MEMPHIS
E51AT101G001	Valve	RCIC Turbine Governor Valve (Installed) (1)	Terry	R-339	MEMPHIS
E51AT101G001	Actuator	EGR Hydraulic Actuator (1)	Woodward	A9903-207	MEMPHIS
E51AT101G001	Governor Controls	Remote Servo (1)	Woodward	9903-033 (890043A06)	MEMPHIS
E51AT101G001	Governor Controls	RGSC Box (1)	Woodward	9903-091 (890005A02)	MEMPHIS
E51AT101G001	Governor Controls	Resistor Box (1)	Woodward	9903-020 (890059A01)	MEMPHIS
E51AT101G001	Governor Controls	EGM Control Box (1)	Woodward	9903-085	MEMPHIS
E51AT101G001	Valve	RCIC Turbine Governor Valve (Uninstalled) (1)	Terry	R-338	MEMPHIS
E51AT101G001	Turbine	RCIC Turbine (1)	Dresser Rand	Type: GS-1	MEMPHIS
E51AT101G001	Oil Cooler	RCIC Turbine Lube Oil Cooler (2)	General Electric / Portland Engineering		MEMPHIS
E51AT101M001	Actuator	RCIC Limitorque Operator (1)	Limitorque	SMB-000	MEMPHIS
E51AT101M001	Valve	RCIC Trip & Throttle Valve (1)	Gimpel	Size: 2 x 3	MEMPHIS
E51AT101M001	Motor	RCIC Limitorque Motor (1)	Peerless - Winsmith, Inc.	176-18-0066-0	MEMPHIS
E51AT101M001	Motor	RCIC Limitorque Motor (1)	Peerless - Winsmith, Inc.	176-18-0034-0	MEMPHIS

Equipment Committee	Equipment Type	Description (Quantity)	Manufacturer	Model Number or Part Number	Equipment Location
E51AT101N001	Actuator	RCIC Limitorque Operator (1)	Limitorque	SMB-000	MEMPHIS
E51AT101N001	Valve	RCIC Trip & Throttle Valve (1)	Schutte & Koerting (Ketema Corp)	Size: 3 x 4	MEMPHIS
E51AT101N001	Motor	RCIC Limitorque Motor (1)	Peerless - Winsmith, Inc.	176-18-0063-0	MEMPHIS
E51AT101Q001	Turbine	HPCI Turbine Barometric Condenser Tube (1)	United Tool	RD 2-1	MEMPHIS
E51AT101Q001	Turbine	HPCI Turbine Gland Seal Condenser Tank (1)	Nash		MEMPHIS
E51AT101Q001	Turbine	RCIC Turbine Barometric Condenser Tube (1)	United Tool	RD 2-1	MEMPHIS
E51AT101Q001	Turbine	RCIC Turbine Gland Seal Condenser Tank (1)	Nash		MEMPHIS
E51AT101Q001	Pump	HPCI Turbine Vacuum Pump (1)	Nash		MEMPHIS
E51AT101Q001	Pump	RCIC Turbine Condensate Pump (1)	Nash		MEMPHIS
E51AT101Q001	Pump	RCIC Turbine Vacuum Pump (1)	Nash		MEMPHIS
E51AT101Q001	Motor	HPCI Turbine Vacuum Pump Motor (1)	General Electric	5CD14D03A900007	MEMPHIS
E51AT101Q001	Motor	HPCI Turbine Condensate Pump Motor (1)	General Electric	5CD14C02A900001-A	MEMPHIS
E51AT101Q001	Motor	RCIC Turbine Vacuum Pump Motor (1)	General Electric	5CD14E01A900007	MEMPHIS
E51AT101Q001	Motor	RCIC Turbine Condensate Pump Motor (1)	General Electric	5CD14C02A900001-A	MEMPHIS
ETEST101A001	Motor	Reliance Test Motor (1)	Reliance		MEMPHIS
F15AE101A001	Grapple	Single Line Fuel Grapple (1)	General Electric / Gould's Mfg.	769E521B001	MEMPHIS
G33AM102A001	Motor	RWCU Motor (1)	General Electric	5K509AN1058M	MEMPHIS
N32AG202A001	Generator	Generator Field Retaining Rings (2)	General Electric	314A3617P001	MEMPHIS
N32AG204A003	Generator	Generator Field Retaining Rings (2)	General Electric	313A7946P0001	MEMPHIS
N32AG204A003	Generator	Generator Field Insulation Kit & Misc. Parts (1)	General Electric		MEMPHIS
N32AG602A001	Generator	High Voltage Bushings (12)	General Electric / Westinghouse		MEMPHIS
N32AT102A001	Generator	Front Standard Shafts & Bearings (1)	General Electric		MEMPHIS
N32AT102A001	Generator	Front Standard Splined Coupling (1)	General Electric		MEMPHIS
N32AT102B001	Generator	Front Standard Shafts & Bearings (1)	General Electric		MEMPHIS
N32AT102C001	Generator	Front Standard Shafts & Bearings (1)	General Electric		MEMPHIS
N32AT103A001	Generator	Front Standard Shafts & Bearings (1)	General Electric		MEMPHIS
N32AT503A001	Generator	Turbine Control Rotor & Rotor Parts (1)	General Electric		MEMPHIS
N32AT551A001	Generator	Permanent Magnet Generator (1)	General Electric		MEMPHIS

Equipment Committee	Equipment Type	Description (Quantity)	Manufacturer	Model Number or Part Number	Equipment Location
N32AT602A001	Pump	Turbine Main Shaft Pump Impeller & Sealing Rings (1)	General Electric	0778E201G0004	MEMPHIS
N32AT603A001	Pump	Turbine Main Shaft Pump Impeller & Sealing Rings (1)	General Electric	0478D664G0016	MEMPHIS
NECBLMVA001M01	Cable	2/0 1/C Medium Voltage Cable 5kV/8kV	Okonite	1/C 2/0 AWG	MEMPHIS
NECBLMVA001M02	Cable	3/0 1/C Medium Voltage Cable 5kV/8kV	Okonite	1/C 3/0 AWG	MEMPHIS
NECBLMVA001M03	Cable	4/0 1/C Medium Voltage Cable 5kV/8kV	Okonite	1/C 4/0 AWG	MEMPHIS
NECBLMVA001M04	Cable	250 MCM Medium Voltage Cable 5kV/8kV	Okonite	1/C 250 kcmil	MEMPHIS
NECBLMVA001M05	Cable	350 MCM Medium Voltage Cable 5kV/8kV	Okonite	1/C 350 kcmil	MEMPHIS
NECBLMVA001M06	Cable	500 MCM Medium Voltage Cable 5kV/8kV	Okonite	1/C 500 kcmil	MEMPHIS
NECBLMVA001M07	Cable	750 MCM Medium Voltage Cable 5kV/8kV	Okonite	1/C 750 kcmil	MEMPHIS
NECBLMVA001M08	Cable	250 MCM Medium Voltage Cable 5kV/8kV	Okonite	3/C 250 kcmil	MEMPHIS
NEDGEMD101A001	Engine	EMD Diesel Engine and Parts 20 Cylinders (1)	EMD	20-645-E4	MEMPHIS
NEE51AT101Q1	Switches	RCIC Limit Switch, SPDT, 15A (125, 250 or 480 VAC) (3)	Microswitch	BZLN-2-LH	MEMPHIS
NEFBMPTSA001	Engine	Emergency Power Diesel Engine Gland Coupling Cage Assembly, Falk Size 62A3AS (1)	Fairbanks Morse	309211	MEMPHIS
NEFBMPTSA001	Engine	Emergency Power Diesel Engine AFT Main Bearing Lube Oil Booster Kit (2)	Fairbanks Morse	16610950	MEMPHIS
NEFBMPTSA001	Engine	Emergency Power Diesel Engine Manifold Extension, Flanged with Expansion Joint. Size: 5 5/8" OD x 110" L (3)	Fairbanks Morse	16300346	MEMPHIS
NEFBMPTSA001	Engine	Emergency Power Diesel Engine Nozzle Injection Assembly (8)	Fairbanks Morse	16108608	MEMPHIS
NEFBMPTSA001	Engine	Emergency Power Diesel Engine Exhaust Bellow, Flanged. Size: 4 3/16" ID x 5 5/8" OD x 3 5/8" L. (7)	Fairbanks Morse	16205660	MEMPHIS
NEFBMPTSA001	Engine	Emergency Power Diesel Engine Upper Oil Cover (1)	Fairbanks Morse	16400386	MEMPHIS
NEFBMPTSA001	Engine	Emergency Power Diesel Engine Manifold Extension, Flanged with Expansion Joint. Size: 5 5/8" OD x 39 ½" L. (2)	Fairbanks Morse	16300352	MEMPHIS
NEFBMPTSA001	Engine	Emergency Power Diesel Engine Manifold Extension, Flanged with Expansion Joint. Size 5 5/8" OD x 76" Long. (4)	Fairbanks Morse	16300347	MEMPHIS
NEFBMPTSA001	Engine	Emergency Power Diesel Engine Nozzle Injection Assembly (9)	Fairbanks Morse	P12601021REP	MEMPHIS
NEFBMPTSA001	Engine	Emergency Power Diesel Engine Pistons (10)	Fairbanks Morse	P010320	MEMPHIS
NEFBMPTSA001	Engine	Emergency Power Diesel Engine Floating Pin with Encased Tube (4)	Fairbanks Morse	S102184	MEMPHIS
NEFBMPTSA001	Engine	Emergency Power Diesel Engine Adapter Assembly (6)	Fairbanks Morse	P12604552	MEMPHIS

Equipment Committee	Equipment Type	Description (Quantity)	Manufacturer	Model Number or Part Number	Equipment Location
NEFBMPTSA001	Engine	Emergency Power Diesel Engine Turbocharger (1)	Fairbanks Morse	P12605478REP	MEMPHIS
NEFBMPTSA001	Engine	Emergency Power Diesel Engine Conduit Assembly for Thermocouple (2)	Fairbanks Morse	P12602539	MEMPHIS
NEFBMPTSA001	Engine	Emergency Power Diesel Engine Opposed Piston Lube Oil Heat Exchanger Stationary Side End Bell (1)	Fairbanks Morse	4-300-15-215-005	MEMPHIS
NEFBMPTSA001	Engine	Emergency Power Diesel Engine Opposed Piston Lube Oil Heat Exchanger Floating Side End Bell (1)	Fairbanks Morse	4-302-15-215-005	MEMPHIS
NEFBMPTSA001	Engine	Emergency Power Diesel Engine Opposed Piston Jacket Water Heat Exchanger Stationary Side End Bell (1)	Fairbanks Morse	4-300-15-215-006	MEMPHIS
NEFBMPTSA001	Engine	Emergency Power Diesel Engine Opposed Piston Jacket Water Heat Exchanger Floating Side End Bell (1)	Fairbanks Morse	4-302-15-215-006	MEMPHIS
NEFBMPTSA001	Engine	Emergency Power Diesel Engine Innercooler Heat Exchanger Stationary Side End Bell (1)	Fairbanks Morse	4-300-17-215-005	MEMPHIS
NEFBMPTSA001	Engine	Emergency Power Diesel Engine Innercooler Heat Exchanger Floating Side End Bell (1)	Fairbanks Morse	4-302-17-215-005	MEMPHIS
NEHPCISWA001	Switches	Pressure Switches (18)	General Electric / Square D	25A5706P001 9012-GAW-1	MEMPHIS
NEHPCISWA001	Switches	Pressure Switches (20)	General Electric / Square D	25A5706P002 9012-GAW-4	MEMPHIS
NEHPCISWA001	Switches	Pressure Switches (19)	General Electric / Square D	25A5706P003 9012-GBW-1	MEMPHIS
NEHPCISWA001	Switches	Differential Pressure Switches (19)	General Electric / Square D	25A5706P004 9012-GGW-4	MEMPHIS
NEHPCISWA001	Switches	Temperature Switches (18)	General Electric / Square D	25A5706P005 9012-GYW-3	MEMPHIS
NEHPCISWA001	Switches	Temperature Switches (14)	General Electric / Square D	25A5706P006 9012-GXW-3	MEMPHIS
NEMORSFPLSPA001	SFPLI	Spent Fuel Pool Level Indication Parts	MOHR		MEMPHIS
NEP70AM101A001	Engine	Diesel Exhaust Manifold Assembly	Fairbanks Morse		MEMPHIS
NERRC101A001	Portable Emergency Lighting	Mobile Light Towers (15)	Powko Industries	RL4 equipped with Cold Weather Pkg	MEMPHIS

Equipment Committee	Equipment Type	Description (Quantity)	Manufacturer	Model Number or Part Number	Equipment Location
NERRC101A001	Portable Emergency Lighting	Mobile Light Towers (15)	Powko Industries	RL4 equipped with Cold Weather Pkg	PHOENIX
NERRC101A001	Pumps	High Pressure (HP) Injection Pumps (5)	CAT Pumps	60AG6741	MEMPHIS
NERRC101A001	Pumps	High Pressure (HP) Injection Pumps (5)	CAT Pumps	60AG6741	PHOENIX
NERRC101A001	Trailers	HP Injection Pump Trailers (5)	Kaufman Trailers	FP-5-2-10F	MEMPHIS
NERRC101A001	Trailers	HP Injection Pump Trailers (5)	Kaufman Trailers	FP-5-2-10F	PHOENIX
NERRC101A001	Pumps	Low Pressure Medium Flow (LPMF) Pumps	Hale Pumps	HPI2500DIM-EC	MEMPHIS
NERRC101A001	Pumps	Low Pressure Medium Flow (LPMF) Pumps	Hale Pumps	HPI2500DIM-EC	PHOENIX
NERRC101A001	Trailers	LPMF Pump Trailers (5)	Kaufman Trailers	FP-5.2K-10SAF	MEMPHIS
NERRC101A001	Trailers	LPMF Pump Trailers (5)	FKaufman Trailers	FP-5.2K-10SAF	PHOENIX
NERRC101A001	Pumps	Low Pressure High Flow (LPHF) Pumps	Hale Pumps	IP5000DIM-EC	MEMPHIS
NERRC101A001	Pumps	Low Pressure High Flow (LPHF) Pumps	Hale Pumps	IP5000DIM-EC	PHOENIX
NERRC101A001	Trailers	LPHF Pump Trailers (5)	Kaufman Trailers	FP-5.2K-10SAF	MEMPHIS
NERRC101A001	Trailers	LPHF Pump Trailers (5)	Kaufman Trailers	FP-5.2K-10SAF	PHOENIX
NERRC101A001	Medium Voltage Diesel Generators	1 MW 4160 VAC Medium Voltage Diesel Generators (9)		HPI2500DIM-EC	MEMPHIS
NERRC101A001	Medium Voltage Diesel Generators	1 MW 4160 VAC Medium Voltage Diesel Generators (9)		HPI2500DIM-EC	PHOENIX
NERRC101A001	Fuel Storage Tanks	TransCube Fuel Storage Tanks (1,240 Gallon Capacity) (9)	Western International	50TCG	MEMPHIS
NERRC101A001	Fuel Storage Tanks	TransCube Fuel Storage Tanks (1,240 Gallon Capacity) (9)	Western International	50TCG	PHOENIX
NERRC101A001	Low Voltage Diesel Generators	1100 kW 480 VAC Low Voltage Diesel Generators (5)	Turbine Marine	480V	MEMPHIS
NERRC101A001	Low Voltage Diesel Generators	1100 kW 480 VAC Low Voltage Diesel Generators (5)	Turbine Marine	480V	PHOENIX
NERRC101A001	Fuel Storage Tanks	TransCube Fuel Storage Tanks (1,240 Gallon Capacity) (5)	Western International	50TCG	MEMPHIS
NERRC101A001	Fuel Storage Tanks	TransCube Fuel Storage Tanks (1,240 Gallon Capacity) (5)	Western International	50TCG	PHOENIX
NERRC101A001	Standard Cable and Electrical Connections	4160 V Standard Cable Reels and Electrical Connections (4)	Coalmont Electrical	4160VAC Cable Delivery Trailer	MEMPHIS

Equipment Committee	Equipment Type	Description (Quantity)	Manufacturer	Model Number or Part Number	Equipment Location
NERRC101A001	Standard Cable and Electrical Connections	480 V Standard Cable Reels and Electrical Connections (4)	Coalmont Electrical	480VAC Cable Delivery Trailer	MEMPHIS
NERRC101A001	Standard Cable and Electrical Connections	4160 V Standard Cable Reels and Electrical Connections (4)	Coalmont Electrical	4160VAC Cable Delivery Trailer	PHOENIX
NERRC101A001	Standard Cable and Electrical Connections	480 V Standard Cable and Electrical Connections (4)	Coalmont Electrical	480VAC Cable Delivery Trailer	PHOENIX
NERRC101A001	Pumps	Steam Generator Reactor Pressure Vessel Makeup (SG RX MU) Pumps	Hale Pumps	HPI500DI-EC	MEMPHIS
NERRC101A001	Pumps	Steam Generator Reactor Pressure Vessel Makeup (SG RX MU) Pumps	Hale Pumps	HPI500DI-EC	PHOENIX
NERRC101A001	Trailers	SG RX MU Pump Trailers (5)	Kaufman Trailers	FP-5.2K-10SAF	MEMPHIS
NERRC101A001	Trailers	SG RX MU Pump Trailers (5)	Kaufman Trailers	FP-5.2K-10SAF	PHOENIX
NERRC101A001	Air Lift Containers	Air Lift Fuel Containers - Regular Drum (3)	Interstate Products	RC-DDF-500G	MEMPHIS
NERRC101A001	Air Lift Containers	Air Lift Fuel Containers - Extreme Drum (2)	Interstate Products	RC-EDDF-500G	MEMPHIS
NERRC101A001	Air Lift Containers	Air Lift Fuel Containers - Regular Drum (3)	Interstate Products	RC-DDF-500G	PHOENIX
NERRC101A001	Air Lift Containers	Air Lift Fuel Containers - Extreme Drum (2)	Interstate Products	RC-EDDF-500G	PHOENIX
NERRC101A001	Fuel Storage Tanks	Fuel Transfer Tank (264 gallons) with AC & DC Pumps (5)	Western International	10TCG	MEMPHIS
NERRC101A001	Fuel Storage Tanks	Fuel Transfer Tank (264 gallons) with AC & DC Pumps (5)	Western International	10TCG	PHOENIX
NERRC101A001	Pumps	Fuel Transfer Pumps (5)	Dixson Pumps	02-2029-DEKH-GII	MEMPHIS
NERRC101A001	Pumps	Fuel Transfer Pumps (5)	Dixson Pumps	02-2029-DEKH-GII	PHOENIX
NERRC101A001	Load Distribution Centers	4160 VAC Load Distribution Centers (5) with Trailers	Coalmont Electrical	PEICO-4160V-LDCR	MEMPHIS
NERRC101A001	Load Distribution Centers	4160 VAC Load Distribution Centers (5) with Trailers	Coalmont Electrical	PEICO-4160V-LDCR	PHOENIX
NERRC101A001	Standard Hoses	Hose Deployment Modules (4 sets) consisting of (1) Large Module & (1) Small Module each	EJ Metals	2004-MD	MEMPHIS
NERRC101A001	Standard Hoses	Hose Deployment Modules (4 sets) consisting of (1) Large Module & (1) Small Module each	EJ Metals	2004-MD	PHOENIX
NERRC201A001	Mobile Boration Skids	Mobile Boration Units (Generator and Tank) (5)	Mesa Technologies	14RA725	MEMPHIS
NERRC201A001	Mobile Boration Skids	Mobile Boration Units (Generator and Tank) (5)	Mesa Technologies	14RA725	PHOENIX
NERRC401A001	Water Treatment System	Water Treatment System (2 each) consisting of (4) modules; Hydrocyclone Skid (1), Disk Filtration Skid (1) and Reverse Osmosis Skids (2)	RWL Water		MEMPHIS

Equipment Committee	Equipment Type	Description (Quantity)	Manufacturer	Model Number or Part Number	Equipment Location
NERRC401A001	Water Treatment System	Water Treatment System (2 each) consisting of (4) modules; Hydrocyclone Skid (1), Disk Filtration Skid (1) and Reverse Osmosis Skids (2)	RWL Water		PHOENIX
NERRC401A001	Trailers	Water Treatment Trailers (8)	Econoline	BP0512FE	MEMPHIS
NERRC401A001	Trailers	Water Treatment Trailers (8)	Econoline	BP0512FE	PHOENIX
NERRC401A001G	Generators	Water Treatment Generators (125 kW) (2)	Mesa Technologies	CAT Model D150-8	MEMPHIS
NERRC401A001G	Generators	Water Treatment Generators (125 kW) (2)	Mesa Technologies	CAT Model D150-8	PHOENIX
NERRC450A001	Water Storage	Non-Potable Pillow Style Water Bladders 20,000 Gallon Capacity (8)	Aire Industrial	952-200007	MEMPHIS
NERRC450A001	Water Storage	Non-Potable Pillow Style Water Bladders 20,000 Gallon Capacity (8)	Aire Industrial	952-200007	PHOENIX
NERRC501A001	Transformers	Step Up Transformers - 480 VAC to 600 VAC (4)	Federal Pacific	TX1375KVA	MEMPHIS
NERRC501A001	Transformers	Step Up Transformers - 480 VAC to 600 VAC (4)	Federal Pacific	TX1375KVA	PHOENIX
NERRC501A001	Trailers	Step Up Transformer Trailers (4)	Hurst	6C	MEMPHIS
NERRC501A001	Trailers	Step Up Transformer Trailers (4)	Hurst	6C	PHOENIX
NERRC501A001	Standard Cable and Electrical Connections	Cable Reels for 480 to 600 VAC Transformer (4)	Coalmont Electrical	480VAC Cable Delivery Trailer	MEMPHIS
NERRC501A001	Standard Cable and Electrical Connections	Cable Reels for 480 to 600 VAC Transformer (4)	Coalmont Electrical	480VAC Cable Delivery Trailer	PHOENIX
NERRC550A001	Standard Cable and Electrical Connections	Cable Reels for 4kV to 6.9kV Step Up Transformer (2)	Coalmont Electrical	4160VAC Cable Delivery Trailer	MEMPHIS
NERRC550A001	Standard Cable and Electrical Connections	Cable Reels for 4kV to 6.9kV Step Up Transformer (2)	Coalmont Electrical	4160VAC Cable Delivery Trailer	PHOENIX
NERRC601A001	Ventilation Fans	16” Ventilation Fans (5)	Euramco	ATEX EFI150XX	MEMPHIS
NERRC601A001	Ventilation Fans	16” Ventilation Fans (5)	Euramco	ATEX EFI150XX	PHOENIX
NERRC801A001	Air Compressors	Portable Air Compressors (5)	Sullivan-Palatek	DF375PDJAF	MEMPHIS
NERRC801A001	Air Compressors	Portable Air Compressors (5)	Sullivan-Palatek	DF375PDJAF	PHOENIX
NERRC1001A001	Pumps	Portable Submersible Pumps (2)	D&D Hydraulics	6HH X 400 with Model 400D Power Unit	MEMPHIS
NERRC1001A001	Pumps	Portable Submersible Pumps (2)	D&D Hydraulics	6HH X 400 with Model 400D Power Unit	PHOENIX

Equipment Committee	Equipment Type	Description (Quantity)	Manufacturer	Model Number or Part Number	Equipment Location
NERRC1101A001	Pumps	Suction Lift Booster Pumps (7)	Hale Pumps	HS5000DJ-ECL	MEMPHIS
NERRC1101A001	Pumps	Suction Lift Booster Pumps (7)	Hale Pumps	HS5000DJ-ECL	PHOENIX
NERRC1101A001	Trailers	Suction Lift Booster Pump Trailers (7)	Kaufman Trailers	FP-5.2K-10SAF	MEMPHIS
NERRC1101A001	Trailers	Suction Lift Booster Pump Trailers (7)	Kaufman Trailers	FP-5.2K-10SAF	PHOENIX
NERRC2001A001	Medium Voltage Diesel Generator	4160 VAC Medium Voltage Diesel Generator in excess of 2MW (1)	Turbine Marine	4160V	MEMPHIS
NERRC2001A001	Medium Voltage Diesel Generator	4160 VAC Medium Voltage Diesel Generator in excess of 2MW (1)	Turbine Marine	4160V	PHOENIX
NERRC2001A001	Standard Cable & Electrical Connections	Cable Reels for 4160 Generator (in excess of 2MW) (1)	Coalmont Electrical	4160VAC Cable Delivery Trailer	MEMPHIS
NERRC2001A001	Standard Cable & Electrical Connections	Cable Reels for 4160 Generator (in excess of 2MW) (1)	Coalmont Electrical	4160VAC Cable Delivery Trailer	PHOENIX
NERRCPGMA001	Flatbed Trailers	SAFER Staging Area Trailers (2)	Transcraft	48 x 102	MEMPHIS
NERRCPGMA001	Flatbed Trailers	SAFER Staging Area Trailers (2)	Transcraft	48 x 102	PHOENIX
NERSB33AM107B001	Motor	Recirc Pump Motor & Coupling Non-Emergency Rotating Spare	General Electric	5K46375AF1	EMC
NERSE12AM104B001	Motor	RHR Motor Non-Emergency Rotating Spare	General Electric	5K6339XC90A	MEMPHIS
NERSE21AM101A003	Motor	Core Spray Pump Motor Non-Emergency Rotating Spare	Reliance	Type: P, Frame: VZ5830	MEMPHIS
NESFPLIPA001	SFPLI	Guided Wave Radar Spent Fuel Pool Level Indication Spare Parts	Westinghouse		MEMPHIS
NESRPTSA001	Recombiner	Hydrogen Recombiner Hydrogen Analyzer (1)	Rockwell	N139000115-0	MEMPHIS
NESRPTSA001	Recombiner	Hydrogen Recombiner Test Panel (1)	Rockwell	N139000297-06	MEMPHIS
NESRPTSA001	Recombiner	Hydrogen Recombiner (1)	Rockwell/PSI	N139000297-08	MEMPHIS
NESRPTSA001	Recombiner	Hydrogen Recombiner Control Cabinet (1)	Rockwell	N139000297-05	MEMPHIS
NESRPTSA001	Motor	Hydrogen Recombiner Motor (1)	Reliance	2YF882829A2 WF	MEMPHIS
NESRPTSA001	Motor	Hydrogen Recombiner Motor (1)	Reliance	N139000297-05.	MEMPHIS
NESRPTSA001	Recombiner	Hydrogen Recombiner (1)	Rockwell/PSI	N139000297-08	MEMPHIS
NESRPTSA001	Recombiner	Hydrogen Recombiner Hydrogen Analyzer (1)	Rockwell	N139000208-01	MEMPHIS
NESRPTSA001	Recombiner	Hydrogen Recombiner Control Cabinet (1)	Rockwell	N139000297-05	MEMPHIS
NESRPTSA001	Motor	Hydrogen Recombiner Motor (1)	Reliance	1YF882829A2 WF	MEMPHIS
NESRPTSA001	Motor	Hydrogen Recombiner Motor (1)	Reliance	2YF882829A1	MEMPHIS

Equipment Committee	Equipment Type	Description (Quantity)	Manufacturer	Model Number or Part Number	Equipment Location
P70AD101A001	Engine	Essential Power Diesel Engine (1)	EMD-GM	20-645-E4	MEMPHIS
P70AD101A001	Turbocharger	Essential Power Diesel Engine Turbocharger (1)	EMD-GM	9526867, Type: GM Electro Motive Roller Clutch	MEMPHIS
P70AD101A001	Actuator	Essential Power Diesel Engine Governor Actuator (1)	Woodward	9903-067, Type EGB-13C	MEMPHIS
P70AD101A001	Actuator	Essential Power Diesel Engine Governor Actuator (Installed - 1)	Woodward	9903-025, Type UG-8	MEMPHIS
P70AD101D001	Engine	Essential Power Diesel Engine (1)	EMD-GM	20-645-E4	MEMPHIS
P70AD101D001	Turbocharger	Essential Power Diesel Engine Turbocharger (1)	EMD-GM	9526867, Type: GM Electro Motive Roller Clutch	MEMPHIS
P70AD102A001	Engine	Emergency Power Diesel Engine (1)	Fairbanks Morse	38TD 8 1/8"	MEMPHIS
P70AD102A001	Actuator	Emergency Power Diesel Engine Governor Actuator (Installed - 1)	Woodward	9903-51, Type UG-8	MEMPHIS
P70AD102A001	Actuator	Emergency Power Diesel Engine Governor Actuator (1)	Woodward	9903-028, Type EGB-10C	MEMPHIS
P70AD102A001	Turbocharger	Emergency Power Diesel Engine Turbocharger (1)	Elliott	H584FPT	MEMPHIS
P70AG102A001	Generator	Essential Power Diesel Generator (1)	Baylor	B855A20C1-B	MEMPHIS
P70AG102B001	Generator	Essential Power Diesel Generator (1)	Baylor	B855A20C2-B	MEMPHIS
WE00CSAHRG01A001	Exchanger	Regenerative Heat Exchanger (1)	Westinghouse		MEMPHIS
WE00NIELDT01A001	Detector	Power Range Detectors (1)	Westinghouse	WL-24154	MEMPHIS
WE00NIELDT01A002	Detector	Power Range Detectors (1)	Westinghouse	WL-24154	MEMPHIS
WE00NIELDT01B001	Detector	Source/Intermediate Range Detectors (1)	Westinghouse	WL-24154	MEMPHIS
WE00NIELDT01B002	Detector	Source/Intermediate Range Detectors (1)	Westinghouse	WL-24154	MEMPHIS
WE00RCICIC01A001	Tube	Incore Flux Thimble Tubes (25)	Westinghouse	1462E54G01	MEMPHIS
WE00RCICIC01A002	Tube	Incore Flux Thimble Tubes (25)	Westinghouse	1462E54G01	MEMPHIS
WE00RCICIC01A003	Tube	Incore Flux Thimble Tubes (8)	Westinghouse	1462E54G01	MEMPHIS
WE00RCPCDM01A001	CRDM	CRDM Latch Assemblies (6)	Westinghouse	L106A	MEMPHIS
WE00RCPCDM01A002	CRDM	CRDM Latch Assemblies (2)	Westinghouse	L106A	MEMPHIS
WE00RCPCDM01A003	CRDM	CRDM Latch Assemblies (2)	Westinghouse	L106A	MEMPHIS
WE00RCPCDM01A004	CRDM	CRDM Latch Assemblies (6)	Westinghouse	L106A	MEMPHIS
WE00RCPCDM01A005	CRDM	CRDM Latch Assemblies (13)	Westinghouse	L106A	MEMPHIS

Equipment Committee	Equipment Type	Description (Quantity)	Manufacturer	Model Number or Part Number	Equipment Location
WE00RCPCDM01A006	CRDM	CRDM Latch Assemblies (2)	Westinghouse	L106A	MEMPHIS
WE00RCPCDM01A007	CRDM	CRDM Latch Assemblies (2)	Westinghouse	L106A	MEMPHIS
WE00RCPCDM01A008	CRDM	CRDM Latch Assemblies (20)	Westinghouse	L106A	MEMPHIS
WE00RCPCDM01B002	CRDM	CRDM Coil Stack Assemblies (2)	Westinghouse	L106A	MEMPHIS
WE00RCPCDM01B003	CRDM	CRDM Coil Stack Assemblies (4)	Westinghouse	L106A	MEMPHIS
WE00RCPCDM01B004	CRDM	CRDM Coil Stack Assemblies (8)	Westinghouse	L106A	MEMPHIS
WE00RCPCDM01B005	CRDM	CRDM Coil Stack Assemblies (16)	Westinghouse	L106A	MEMPHIS
WE00RCPCDM01B006	CRDM	CRDM Coil Stack Assemblies (22)	Westinghouse	L106A	MEMPHIS
WE00RCPCDM01D001	CRDM	CRDM Drive Rods (1)	Westinghouse	115E600-G01	MEMPHIS
WE00RCPCDM01D002	CRDM	CRDM Drive Rods (8)	Westinghouse	115E600-G01	MEMPHIS
WE00RCPCDM01D003	CRDM	CRDM Drive Rods (4)	Westinghouse	115E600-G01	MEMPHIS
WE00RCPCDM01D004	CRDM	CRDM Drive Rods (8)	Westinghouse	115E600-G01	MEMPHIS
WE00RCPCDM01D005	CRDM	CRDM Drive Rods (8)	Westinghouse	115E600-G01	MEMPHIS
WE00RCPCDM01D006	CRDM	CRDM Drive Rods (8)	Westinghouse	115E600-G01	MEMPHIS
WE00RCPCDM01D007	CRDM	CRDM Drive Rods (8)	Westinghouse	115E600-G01	MEMPHIS
WE00RCPCDM01D008	CRDM	CRDM Drive Rods (8)	Westinghouse	115E600-G01	MEMPHIS
WE00RCPCPI01A002	Bolt	Main Flange Bolts (24)	Westinghouse	913C495G04	MEMPHIS
WE00RCPCPR01A001	Heater	Pressurizer Immersion Heaters (78)	Westinghouse	393A701H03	MEMPHIS
WE00RCPCPR01B001	Heater	Pressurizer Immersion Heaters (78)	Westinghouse	393A701H04	MEMPHIS
WE00RCPCRV01A001	Material	Reactor Vessel Closure Bolting Stud Raw Material (1)	Westinghouse	Sizes: 7.5 inch dia., 10 7/8 inch dia.	MEMPHIS
WE00RCPCRV01A002	Material	Reactor Vessel Closure Bolting Stud Raw Material (1)	Westinghouse	Sizes: 7.5 inch dia., 10 7/8 inch dia.	MEMPHIS
WE00RCPCRV01B001	Material	Reactor Vessel Closure Bolting Stud Raw Material (1)	Westinghouse	Stud: 6.25” dia. Nut: 9.875” dia. Washer: 9.875” dia.	MEMPHIS
WE00TUELST01A001	Generator	Rotor (1)	Westinghouse	Size: 2-140x170	MEMPHIS
WE00TUELST01B001	Generator	Stator Coils and Parallel Rings & Misc. Parts	Westinghouse		MEMPHIS
WE00TUELST01C001	Generator	Stator Coils Lamination Dies	Westinghouse		MEMPHIS

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**Steering Committee Position*

^ Ricky Curtis retired on April 4, 2025. John Makar, PIM MC Secretary, appointed temporary Chairman until annual election during PIM MC meeting in June.

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PEICo Website

User Registration

Access to the membership area is secured and requires registration. Open the PEICo Website (www.PEICo.org) and select "New Registration" to complete the form.

Next, select "Create User Account" which will send an email for your verification which must be responded to within in 24 hours.

Once your verification is received, you will be notified you that you now have Member Site Access to the PEICo website. Log onto www.PEICo.org and select "Member Site Access".

Exploring Membership Information:

From the main page you will see links to each of the main site areas where you'll find comprehensive information of equipment, membership, and rosters.

You can explore the advantages of joining equipment committees and generate work-flow requests.

Plants:
This section provides each company's/site's Participant's key contact information, Equipment Committee (EC) involvement and a plant benefits summary. Additionally, site Roster Changes can be submitted electronically from this location.

Equipment:
Provides a complete equipment list of all the ECs in the PIM Program. Each EC includes pictures, value, and its membership. Additionally, one can submit electronic requests to "Join" ECs or initiate equipment "Withdrawals."

Contacts:
This area allows you to search a complete list of each company's PIM representative along with their contact information. The Program Manager Organization contact information is also included. Should a change be needed, use the links provided on the Rosters page to submit a change request.

Rosters/Officers:
There are more than 30 Rosters with 1-30 members each that make up the PIM Program. This section provides the various roles Participant's serve in. By selecting one of the rosters, needed changes may be submitted.

PIM Documents:
If you are new to our program, the first link on this page includes the "PIM New User Guide". This page also contains a link to have the PEICo Rules and Procedures (PRP) Manual automatically sent to your email address.

Digital Signing:
If your signature is needed, our system will automatically email you a link every 24 hours until we receive your signature. If you get lost in your emails, simply login to our site and the home page will let you know if your signature is needed.

Mobile Device Usage:
All the features mentioned above, and more are all available from your mobile device. Using your mobile browser click on the send icon and look for the "Add to Home Screen" button.

Conclusion

In conclusion, the PEICo Website stands as a testament to the program's commitment to fostering collaboration, innovation, and efficiency among its Participants. By providing easy access to membership information, shared equipment ownership details, roster roles, and request initiation processes, the website empowers Participants to maximize their involvement in the program. Explore the website today and unlock the full potential of your participation in the PIM Program.

Memorial

Brian "Keith" McFeely, Jr.

(1/27/1979 - 4/18/2025)

He lived life selflessly
and passed into eternity a hero.

The PMO and Southern Nuclear commemorates Keith McFeely, Jr., Material Analyst-Memphis Operations, who tragically passed away on Good Friday, April 18, 2025, while rescuing a child from the floodwaters of the Mississippi River.

www.PEICo.org

06/09/2025