

INSPECTOR NOTES COVER SHEET

Licensee/Certificate Holder (name and address)	Framatome - ANP, Inc. 2101 Horn Rapids Road Richland, WA 99352
Licensee/Certificate Holder contact and phone number	Larry Tupper, Manager, Richland Site Quality 509-375-8926
Docket No.	071-0003
Inspection Report No.	2005201
Inspection Date(s)	May 16-20, 2005
Inspection Location(s)	Richland, WA
Inspectors	James Pearson, Robert Temps, Andrew Barto, and William Bezanson
Summary of Findings and Actions	<p>10 CFR 71.119, "Control of special processes", states in part that: "the licensee, shall establish measures to assure that special processes, including welding, are controlled and accomplished by qualified personnel using qualified procedures in accordance with applicable codes, standards, specifications, criteria, and other special requirements."</p> <p>Contrary to this requirement, on multiple occasions over an indeterminate time period, welding was performed on shipping containers with weld filler material that did not meet the requirements for release in that the weld material traceability had not been determined prior to use. Further, the work was performed without an approved procedure for control of the welding activity.</p> <p>Framatome-ANP initiated Condition Reports to address the issues identified. In addition Framatome-ANP implemented a Stop Work on the use of all transportation packages until they could evaluate the extent of condition and apply corrective actions.</p>
Lead Inspector Signature/Date	James J. Pearson <i>James J. Pearson</i> 6/9/05
Inspector Notes Approval Section Chief Signature/Date	Mary Jane Ross-Lee <i>Mary Jane Ross-Lee</i> 6/19/05

INSPECTOR NOTES: SECTIONS 02.02 THROUGH 02.10 OF IP 86001 WERE PERFORMED DURING THE INSPECTION WITH RESULTS DOCUMENTED BELOW:

02.02 Verify that the CoC holder's activities related to transportation packagings are being conducted in accordance with the CoC, as well as the NRC-approved QA Program (reference Regulatory Guide 7.10), and that implementing procedures are in place and effective.

The team reviewed the site packaging operating and maintenance procedures to ensure that they incorporate all aspects of the operating and maintenance procedures referenced in the CoCs for the packages used by Framatome-ANP (F-ANP) Richland. The packages used to deliver and receive radioactive material at the site included the following models:

- RAJ-II (71-9309)
- SP-1/SP-2/SP-3 (71-9248)
- ANF-250 (71-9217)
- BW-2901 (71-9252)
- DHTF (71-9203)
- UX-30 (71-9196) and 30B UF₆ cylinder
- CHT OP-TU (71-9288)

SOP-40072, "Shipping Container Maintenance and Repair," contains maintenance procedures for all the packages used by F-ANP Richland. The team requested maintenance records for a random sample of packages from the above list, which the Nuclear Materials Shipping and Receiving Supervisor provided from the site database of package maintenance activities. The team also observed loading operations for the SP-1 and DHTF, and interviewed technicians performing the operations. All of the observed operations and maintenance activities agreed with the operating procedures and maintenance programs referenced in the CoCs for the various packages used.

The team toured the F-ANP records vault and found the vault acceptable for records storage. The team discussed the records capture and retention processes for various systems (CSTOR, Documentum, MATRIX, and FRED) with various F-ANP personnel to determine that documents and records, for such items as specifications, purchase orders, design changes, drawings and procedures, are maintained legibly, retrievable and well controlled. The documents reviewed by the team included procedure ADM-00006, Version 4.0, Administrative Procedure for SOPs and SWIs, EMF-2027, Revision 6, Quality Records and Document Storage, EMF-365, Revision 21, Document Control Procedures, QAP-05, Revision 3, Document Storage and QAP-16, Revision 0, Quality Records and Archive Samples.

The team had discussions with responsible Framatome-ANP personnel concerning the use of untraceable weld wire during the installation of accelerometer holders. In addition, it was identified that no internal procedure had been issued for the control and issuance of weld wire. As a result of the conditions noted above, F-ANP performed a review of the Accelerometer Holder installation problem to determine its scope. That review resulted in F-ANP issuing two Condition Reports (CR- 2005-2009 for 35 RAJ-II containers and CR 2005-2054 for 193 SP-1 containers). NRC Form 591S (dated 05/20/05) documents the above conditions. These issues are also documented on the attached NRC Form 591S Part 1 and Part 2.

The team also identified some 7018 weld wire, in a small weld wire crib in Warehouse 5, in a

hot box that was not connected to an electrical outlet. That wire was accepted on August 20, 1999. However, 7018 wire removed from its sealed shipping container is required to be maintained in a controlled oven or hot box. The F-ANP MMS&R Supervisor indicated to the team that this weld wire crib and its contents had been relocated to this warehouse from some other location, and the weld wire and hot box had not been used. The F-ANP MMS&R Supervisor instructed the warehouse personnel to check all wire in that crib and remove any uncontrolled or questionable weld wire.

No discrepancies were identified as a result of the review of activities in regard to compliance with the CoC or QA program that were not identified on F-ANP corrective action documents.

02.03 Verify that provisions are in place for reporting defects which could cause a substantial safety hazard, as required by 10 CFR Part 21.

The Team noted acceptable application of 10 CFR Part 21 requirements in procurement documents and purchase orders. The team also noted applicable postings and reviewed the implementing procedure for controlling Part 21 activities.

02.04 Interview selected personnel and review selected design documentation to determine that adequate design controls are implemented.

The team interviewed the Framatome Advisory Engineer for shipping containers regarding design controls, and determined that no significant design or fabrication activities take place at the site, other than minor alterations and repairs. The team reviewed SOP-40072, "Shipping Container Maintenance and Repair," and determined that it adequately addressed repair operations involving licensed shipping containers. The team also reviewed EMF-2084, P105-013, "Work Practices Manual - Licensing of Packages for Fissile Material," which provided a procedure for determining whether or not drawing revisions, handling procedure changes, or other design-related modifications required an amendment to the package Certificate of Compliance.

No discrepancies were identified as a result of the design review activities that were not identified on F-ANP corrective action documents.

02.05 Review selected drawings, procedures and records, and observe selected activities being performed to determine that the fabrication, test, and maintenance activities meet SARP design commitments and requirements documented in the CoC.

The team reviewed the site packaging operating and maintenance procedures to ensure that they incorporate all aspects of the operating and maintenance procedures referenced in the CoCs for the packages used by F-ANP Richland. The packages used to deliver and receive radioactive material at the site included the following models:

- RAJ-II (71-9309)
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- DHTF (71-9203)
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The team also reviewed the maintenance records for a particular RAJ-II package inner and outer container. These records consisted of Work Task Router/Verification Certificates which are filled out by the maintenance technician after every use of the package. These certificates correctly identified the maintenance and inspection steps to be performed before reshipment of the package, and document the materials replaced as a result of inspection.

F-ANP Richland also operates a facility to perform the 5-year recertification of 30B UF₆ cylinders. The team reviewed SOP-40315, "Recertification Testing and Inspection of UF₆ Cylinders," and found this procedure to be in conformance with the cylinder requirements of ANSI N14.1-2001, "Uranium Hexafluoride Packaging for Transport."

No discrepancies were identified as a result of the review of activities affecting fabrication, test or maintenance that were not identified on F-ANP corrective action documents.

02.06 Observe activities affecting safety aspects of the packaging (such as fabrication, assembly, and testing) to verify that they are performed in accordance with approved methods, procedures, and specifications.

The team selected two containers of weld wire with lot numbers 55907 (heat # F0552) and 55030 (heat # 902768) from the weld wire crib. A review of applicable procurement documents related to those lot numbers and heat numbers indicated the weld wire had been procured from an approved source and was certified by the manufacturer and approved by F-ANP.

The Team reviewed the following RAJ II Model shipping container documentation – Operation Control Ticket for Order 864646 and drawings 5049847, Revision 1, 5053098, Revision 1, and 5048757, Revision 1 pertaining to the installation of Accelerometer Holders (identified as items 1 & 2 on drawing 5048757). The team also reviewed the Operation Control Ticket which identified the welder (# 2089), Weld Procedure (EMF-PQ-866), and the weld wire. During the inspection and review process it was determined that the weld wire used (3/32", ER 308L, Heat G2871) had not been approved for welding those holders to the RAJ-II shipping containers. F-ANP management initiated a Condition Report 2005-2009 to address the issue.

The team also noted during the inspection that Framatome-ANP had two separate programs (one for container welding and one for facility maintenance welding) in place for the procurement, storage, and issuance of weld wire.

The team reviewed SP-1: OB #9819, SP-1: OB #0208, SP-1: IB #9406, and RAJ-II Package # 068 fabrication documentation packages from a random sample of NRC CoC packagings used at the FANP facility. In the case of certain older packagings whose original fabrication records are not available, the team reviewed records of the packaging design reverification

effort performed in response to the 1998 NRC inspection findings.

The team reviewed the requirements specified in procedures EMF-10-P69018, P69773, and QAP-11 to determine if those requirements for the Maintenance and Control of Inspection Tools and Equipment (M&TE) were adequate and implemented. Thirty pieces of M&TE (e.g., torque wrenches, pressure gages, scales, digital calipers, tapes, micrometers, height gages, radius gage set, etc.) were selected as a sample by the team to determine compliance with those procedural requirements. In addition, the actual M&TE calibration label data was inspected to ensure that it agreed with the applicable instrument calibration record and that the M&TE was adequately maintained. The results of that M&TE inspection indicated that the procedure requirements were implemented and the equipment was adequately maintained. Although the main M&TE facility was closed for renovations, a limited walk-through inspection indicated that facility was clean and orderly, temperature and humidity controls were established, and the equipment was adequately maintained and identified.

The team noted during the inspection of the UF₆ test facility, that hydrostatic pressure gage # 31408-2 had a blue calibration label with no due date. A review of pressure gage calibration records identified Condition Report # CR 10274 (issued on 01/06/03) which required that the calibration label be changed from blue to red. The red label requires that this gage be recalibrated every 6 months and identifies its due date. The blue label does not require a due date or re-calibration of the gage every six months. F-ANP personnel immediately removed and re-calibrated the gage, attached the red label and reinstalled the gage to correct this condition. A review of the previous calibration records since 12/02 for that gage indicated it had been re-calibrated every 6 months. Based on the actions taken by F-ANP to correct the gage calibration label, no further action was required.

The team also noted during the calibration inspection that F-ANP had two programs in place for the calibration and control of M&TE and pressure gages. One program included procedures QAP-11, EMF-10, P 69018 and P 69733 (GAGE-trak program) for M&TE. The other program (as explained by the Maintenance Senior Engineering Assistant) used procedure EMF-858 for calibrating pressure gages and was implemented by site facility maintenance personnel. The condition noted above with test pressure gage 31408-2 indicated it was calibrated by the site facility maintenance group.

The team noted that procedure SOP – 40315, Paragraph 4.0, General Information, for testing the UF₆ cylinders requires that the torque wrench calibration must be verified as valid by checking the label due date. However the procedure does not require verification that the pressure gage calibration is valid. F-ANP Management was notified of this potential procedural weakness to consider any necessary corrective action in revising SOP- 40315 to ensure that all pressure gage calibrations are verified as a prerequisite to any leak testing.

The team reviewed ANSI N 14.1 – 2001, Uranium Hexafluoride – Packaging for Transport, and SOP – 40315, Recertification Testing and Inspection of UF₆ Cylinders, and noted the specified requirements for the cleaning, testing, and acceptance of those cylinders. The inspection of that test facility and the 30-B UF₆ Cylinder Recertification Record Follower Cards for Cylinders LU-0272, LU-0305, and LU-0411 indicated compliance with the ANSI N 14.1 and SOP – 40315 requirements. In addition, inspectors verified that the cylinder tare weight scales had been certified (Test # 822/267626-02) by the U.S. Department of Commerce, National Institute of Standards and Technology.

The team inspected various container maintenance equipment (i.e., air guns, various hand tools, torque wrenches, container tables, cylinder test stands, welding equipment, electric

hoists, electric cranes, spreader bars, scales, test stands, and other related equipment). The majority of that equipment was observed in Warehouse 5 and the UF6 facility and overall, the equipment and facilities were well organized and maintained. When not in use, the maintenance equipment was stored in designated areas or on assigned equipment storage racks.

The team's inspection of Warehouse 2 (one small crib) and Warehouse 5 (one large crib and three small cribs) indicated none of the items inspected (i.e., paints, adhesives, gaskets, or O-rings) required or specified any shelf-life requirements. A review of purchase orders for lot numbers 53719 and 127841 (3/16, O-rings), Columbiana Hi-Tech drawing OPTU-V-AB-1, and the lid gasket on drawing 306.175 did not specify any shelf-life requirements. The team determined that currently F-ANP did not have requirements for shelf-life controlled items.

The team also verified that the warehouses inspected were clean and orderly and items were adequately identified with labels or acceptance tags. In addition, procedure SOP – 40073, Paragraph 7.2, specified that an annual Preventive Maintenance (PM) inspection shall be performed for each of the five working stock areas and the results of those PM inspections be documented. A review of the PM inspection records indicated the annual PM inspections were performed and documented.

No discrepancies were identified as a result of the review of activities affecting safety that were not identified on F-ANP corrective action documents.

02.07 Review selected drawings and records, and interview selected personnel, to verify that the procurement specifications for materials, equipment, and services received by the QA Program holder meet the design requirements.

The team reviewed Framatome Purchase Order (PO) 4600000265 for BW2901 and DHTF gaskets, PO 4600000661 for SP-1/2/3 closure bolts, and PO 4600000637 for SP-1/2/3 cage nuts. The POs reviewed referenced the correct material specifications from the corresponding package CoCs. In the case of PO 4600000637 for SP-1/2/3 cage nuts, the PO and lot inspection instructions were retrieved from the site's SAP database based on information taken from the replacement parts tag on the cage nuts in the SP-1/2/3 maintenance area of Warehouse #5. The team interviewed a technician performing maintenance on an SP-1 package, who stated that all Category A and B replacement parts are required to have a tag with the material number and lot number for tracking purposes. The team also interviewed a Framatome Packaging Engineer, who was able to use the SAP database to identify the inspection requirements for a lot of RAJ-II heliserts identified as replacement parts on the maintenance record for a particular package.

The team also reviewed SOP-40073, "Parts Control for Shipping Container Parts and Materials," and found that the procurement and inspection procedures were followed in generating the tracking information described above.

No discrepancies were identified as a result of the review of activities affecting procurement of materials, equipment, and services to meet the design requirements that were not identified on F-ANP corrective action documents.

02.08 Review selected records and interview selected personnel to verify that a nonconformance control program is effectively implemented, and that corrective actions for identified deficiencies are technically sound and completed in a timely manner.

The team reviewed and assessed the status of the current FANP corrective action program through review of corrective action program administrative procedures and by review of corrective action reports and trend reports. The team held discussions with the program manager and observed a condition report screening meeting. The team also reviewed the actions taken by the FANP-Richland facility (previously Siemens) in response to the last SFPO inspection at FANP (in 1998) and the subsequent NRC Confirmatory Action Letter (CAL) issued as a result of the findings from that inspection.

The team reviewed procedure 1703-77, "Fuel America Corrective Action Program." The procedure is applicable to all Fuel America (FA) organizations (includes the Richland facility) as well as all contractors and Framatome ANP (FANP) business units doing business for FA. Use of the procedure was mandatory after April 15, 2004. Procedure 1703-77 is used in conjunction with other procedures such as QAP-13, "Control of Nonconforming Product, Corrective Action and Preventive Action," and Corporate Policy 0401, "Reporting of Defects and Noncompliances Concerning Substantial Safety Hazards."

The corrective action system used at the Richland facility is computer based and problems can be entered into the system by any site employee. Condition Reports (CRs) are used to document problem identification, resolution, and tracking for completion and closure. Other provisions are built in such as issue screening, notification, and evaluation of manufacturing risk. New CRs are screened and are assigned one of three significance levels; Level 1 or Significant Issue, Level 2 or Important, and Level 3 or Watch/Trend. Guidance is provided in Attachment 4 of 1703-77 for criteria to consider in assigning each of the significance levels. Level 1 issues require the performance of a full root cause analysis (RCA) and Level 2 issues require an apparent cause analysis (ACA). Guidance on performing RCA and ACA are contained in procedure 1703-76, "Apparent Cause and Root Cause Procedure." The same methodology is used for both RCA and ACA, with RCA requiring a more formalized and in-depth use of the analysis technique.

The team reviewed 35 CRs issued since use of procedure 1703-77 became mandatory in April 2004. The CRs reviewed were specific to Part 71 activities and contained a cross section of Level 1, 2 and 3 issues. FANP resolution of the issues documented in the various reports was assessed to be appropriate and the reports were closed in a timeframe commensurate to their importance. Where CR closure is delayed, appropriate justification is provided to management as to the need for additional closure time, and late items are tracked through completion. The CR process also requires that an effectiveness review be performed for assigned actions for any Level 1 CR and for QA audit findings. The team verified that this requirement was being properly implemented. The team also observed a CR screening meeting and assessed that the process was well coordinated and that appropriate screening levels were assigned. No concerns were identified with the CRs reviewed or with the screening process.

The team assessed that the administrative procedures governing the corrective action program were adequate and fully met the 10 CFR Part 71 requirements for corrective action programs. Overall, implementation of the FANP corrective action program was assessed to be good.

The team reviewed documentation for corrective actions that FANP (then Siemens) took in response to the issues identified in the last NRC Part 71 inspection in 1998. As a result of that inspection, the NRC issued a Notice of Violation, A Notice of Nonconformance, and also issued a Confirmatory Action Letter (CAL), subsequently closed, that required FANP to implement certain corrective actions. The team reviewed two CRs, 7103 (11/03/98) and 7230 (12/08/98) dealing with these issues. The first CR (7103) dealt with specific issues in the CAL, the second (7230) dealt with resolution of 23 issues, with 166 action items in total, that were identified

during a comprehensive self-assessment that FANP had committed to perform in response to the CAL.

The team reviewed documentation of completion of actions for each of the CRs. This documentation consisted of records that indicated that assigned actions had been completed and implemented. The majority of corrective actions consisted of procedure revisions or creation of new procedures, training on specific issues, and a large scale effort to verify or reestablish all packaging as-built configurations with their respective CoC design drawings. The records reviewed indicated that all assigned actions had been completed and closed out.

During the current inspection, the team did not identify any issues of a nature or extent to those identified in the 1998 inspection; therefore, the team concluded that the corrective actions that FANP implemented in response to the 1998 findings were effective in preventing recurrence.

02.09 Review selected records and procedures, interview selected personnel, and observe selected activities affecting the safety aspects of the packaging to verify that individuals performing activities affecting quality are properly trained and qualified, and to verify that management and QA staff are cognizant and provide appropriate oversight.

The team recognized, based on the information provided by F-ANP personnel and the welds inspected, that F-ANP currently was only performing minor weld repairs on existing containers. The team reviewed the F-ANP Index of Certified Welders and Welding Operators and identified eight welders who were qualified and certified for container welding. Three of those welders were qualified and certified to weld on stainless steel containers. The team reviewed a sample of four welder qualification records. The records indicated the welders who were determined by F-ANP Management to be qualified and certified for the processes used. The team noted that repairs to UF₆ container cylinders (ASME Stamped containers), would be subcontracted to an approved ASME – R Stamp holder.

The team reviewed selected portions of work orders, drawings, procedures, welders and Non-Destructive Examination (NDE) personnel training records, and calibration records to identify personnel performing activities affecting quality. Based on that review, the team verified the qualification and certification of Framatome ANP (F-ANP) personnel who perform various activities such as welding and testing. As the result of document review, discussions with F-ANP personnel, and direct observation of maintenance activities, the team determined that F-ANP personnel were qualified and appropriately trained and/or certified for those activities observed during this inspection.

From a review of the F-ANP Index of Certified Welders and Welding Operators, the team identified three welder stamp numbers that were different than the numbers listed on the Welder Qualification Test Records (one of which was a typing error). F-ANP stated that the other two welders were obtained from the local Union Hall as temporary workers. At that time, the two welders were assigned a temporary stamp number which was recorded on their qualification record. Later, the two welders were hired as full-time employees and re-assigned a new stamp number. The F-ANP Index of Certified Welders and Welding Operators was revised to reflect the correct stamp numbers.

The team reviewed a sample of training records for various F-ANP personnel and observed the attributes of the new "Plateau System" as displayed by a F-ANP Training Instructor. This new system will be used in the near future to improve control of training activities. The Team reviewed procedure 1702-22, Revision 24, "Employee Training" and portions of procedure MCP-30130, version 3.0, "Plant Operations Training Program". The Team noted that the

reviewed records reflected the training intended as required for each employee and were found to be acceptable.

The team reviewed the qualifications and lead auditor certifications for four personnel who perform audits for F-ANP. The team applied the procedural criteria of 1719-23, Revision 15, "Qualification of Quality Assurance Audit Personnel" to the review of the certifications. All reviews were found acceptable and no discrepancies were identified as a result of the review that were not identified on F-ANP corrective action documents.

02.10 Verify that audits of the QA Program and activities affecting the safety aspects of the packaging are scheduled, have been performed as scheduled, and that identified deficiencies have been satisfactorily resolved in a timely manner.

The team reviewed document # EMF-10 Procedure P69761, Revision 0 "Online Approved Suppliers List" as well as procedure # 1719-25, Revision 09 "Fuel America Supplier Quality Evaluations and Audits as well as 1719-24, Revision 8, Internal Audits of Fuel America Quality Management System. In addition the team reviewed 3 external and 3 internal audits as well as the last annual audit and 2 recent biannual audits committed to in the corrective action letter from our last inspection. All audits had acceptable planning and detailed documentation as well as appropriate proposed corrective.

The team reviewed internal audits; 04:28 Inspection, test and operating status, 04:32 Control of special processes, 04:39 Shipping and handling/shipping container program (Part 71).

The team also reviewed external audits; 04:11 Tool Gauge and Machine Works which supplies bolts/locking parts/hex cap screws/shipping shims and seal guards, 04:47 Energy Northwest Standards Laboratory which supplies calibration services, and audit 04:77 Caliber Inspection, Inc. which supplies inspection services such as various NDE services (VT/RT/UT/PT/ET).

The team also verified that all vendors identified in the external audits reviewed were found to be in good standing and on the F-ANP Approved Suppliers Listing. The team found all of the external audit plans and reports acceptable and developed/implemented according to procedure 1719-25, Revision 9, Fuel America Supplier Quality Evaluations and Audits.

The team reviewed the CAL committed annual audit: [2004 licensed packaging audit (EHS & L Audit SH-2)] from: 11/10/2003 to: 6/7/2004. The team also reviewed both the bi-annual audits: Regulated shipment audit (ENS & L Audit SH-1) May 14, 2004, and Regulated shipment audit (ENS & L Audit SH-1) December 17, 2004. In addition the team reviewed both the 2004 and 2005 internal audit and external (Vendor) schedules. The team noted that the schedules met the requirements of Procedure 1719-25, section 9 and 1719-24, section 7. The team reviewed samples of 2004 audits.

The team also reviewed the audit reports for both Lynchburg and Richland shipping and handling/shipping container program. The team noted that all audit plans, audit checklists and audit reports were well detailed and found acceptable per procedures noted previously in this section.

All reviews were found acceptable and no discrepancies were identified as a result of the review.

Partial listing of documents reviewed during the inspection:

Various Company Codes and Maintenance Procedures

- ASME Code.
- AWS Code.
- SN-TC-1A.
- ANSI N14.1-2001 Uranium Hexafluoride-Packaging for Transport.
- Welding Procedure Specification(WPS) TM-2001, Revision 1, GMAW.
- WPS EMF-PQ-865, Revision 0, GMAW SPC Qualified B SST Sheet.
- WPS EMF-PQ-866, Revision 0, GTAW SPC Qualified BSST Sheet.
- WP EMF-PQ-839, Revision 0, GMAW (Short Circuiting Transfer) 0.125 to 0.560 inch Thick Mild Steel Pipe or Plate.
- Welder Qualification Test Records.
- SOP-40072, Shipping Container Maintenance and Repair, Version 5.0.
- SOP-40073, Parts Control for Shipping Container Parts and Materials, Version 1.0.
- SOP-40315, Recertification Testing and Inspection of UF₆ Cylinders, Version 3.0.
- SOP-40525, Refurbishing of RAJ-II Shipping Containers, Version 1.0.
- SOP-40668, Visual Inspection of Shipping Container Welds, Version 2.0.
- Plant operations - HRR, Shipping Container Weld Inspection - Instruction Guide, Revision 0.
- QAP-11, Control of Inspection, Measuring, and Test Equipment, Revision 1.
- EMF-10- P69018, Maintenance and Control of Inspection Tools and Equipment, Revision 49.
- EMF-10- P69773, GAGE-trak Calibration Management Software for Windows - Users Manual, Revision 3.
- EMF-87, EMF-P21, 137, Essential Materials Specification Welding Consumables and Non-Consumable Electrodes, Revision 2.
- EMF-773, Index of Certified Welders and Welding Operators, Revision 130.
- NFQM , Nuclear Fuel Business Group Quality Management Manual, Version 0.
- SWI-40525 A BF (Standard Work Instructions), Version 1.0.
- Instructor Guide, Shipping Container Weld Inspector, Revision 0.

Various Framatome-ANP Company Drawings and Records

- Drawings 5048757, Revision 1, 5053098, Revision 1, 5049847, Revision1.
- Various RAJ II Fabrication Drawings.
- Condition Reports (CR) 2005-2009, RAJ-II containers and CR 2005-2054, SP-1 Containers.
- CR-10274, Internal Audit pertaining to pressure gage (PIN # 31408-02) in the Cylinder Recertification Facility.
- Various Calibration Records.