

APPENDIX J PROGRAM SERVICES

SERVICES and ENHANCEMENTS

REDUCTION IN SCOPE OF LOCAL LEAK RATE TYPE B AND C TESTING

- Define and justify closed loop systems w/system & affected penetration specific details & technical basis including applicable standards, regulatory guidance and other industry documents, precedence/OE.
- Define and justify water filled systems w/system & affected penetration specific details & technical basis including applicable standards, regulatory guidance and other industry documents, precedence/OE.
- Define and justify water sealed systems w/system & affected penetration specific details & technical basis including applicable standards, regulatory guidance and other industry documents, precedence/OE.

APPENDIX J BASIS DOCUMENT

- Validate existing or creating a new basis document using P&ID's, Tech Specs, NRC commitments, UFSAR, system descriptions, LLRT procedures. ILRT procedures, Program document/procedure.

APPENDIX J PROGRAM INTERFACES

- Assess interfaces with AOV, MOV, SOV, CV, IST/CVCM, PRD and other valve programs/processes to minimize as-left testing, preconditioning of as-found testing, resultant loss of extended test intervals. Provide meaningful input to valve PM program to reduce maintenance/testing.
- Assess interfaces with the Containment Coatings, IWE and IWL programs to ensure that inspections being performed also satisfy the requirements and schedule for general inspections contained in NEI 94-01.

TYPE B AND TYPE C PERFORMANCE BASED ADMINISTRATIVE LEAK RATE LIMITS

- Review existing limits, performance history, service and maintenance history; and modify/create new if overly conservative resulting in too much valve CM/PM or holding back performance based extended test intervals.
- Create basis for limits and change management criteria/guidance for contemporary and future adjustments to testing intervals.

APPENDIX J PROGRAM ADMINISTRATION TRAINING

- Training can be conducted at designated True North Consulting locations or on site to groups customized as requested.

TYPE A TEST {ILRT} INTERVAL EXTENSION

- One time 5 year interval extensions.
- Permanent 15 year intervals.

TYPE B AND TYPE C TEST {LLRT} INTERVAL EXTENSION

- Review component performance and maintenance history, and provide technical basis for interval extension including compliance with all regulatory requirements, documents, standards, and staggered component test recommendations.

APPENDIX J PROGRAM POST-OUTAGE LLRT SUMMARY REPORTS

- Create report or report format which ensures compliance with applicable revision of NEI 94-01 section 12.1 "Reporting Requirements".
- Create site specific definition for "adverse trend" criteria based on current admin limits and develop associated analysis/corrective action plan methodology for future use.
- Create site specific analysis/corrective action plan methodology for failures identified during an extended test interval.

APPENDIX J PROGRAM ASSESSMENTS

This service ranges from performing an assessment of the complete program or a targeted scope based on client requirements including but not limited to:

- Program basis,
- component scoping,
- program configuration management,
- component administrative limits,
- engineering program interfaces,
- program implementation and
- cycle reporting.

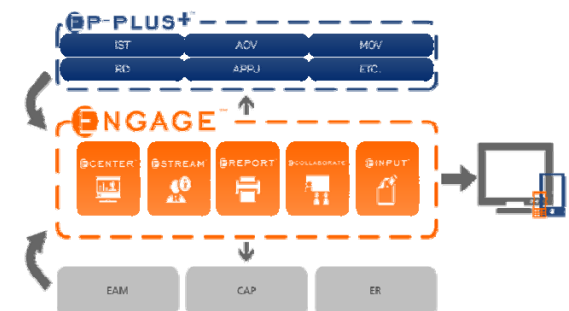
SOFTWARE – APPENDIX J PROGRAM

Containment Leakage Rate Testing Program (10 CFR 50 Appendix J) software is available as part of the web-based EP-Plus+ Engineering Programs Software Suite.

EP-PLUS+

IST ASME OM Code Pump & Valve Inservice Testing	RELIEF DEVICE Mandatory Appendix I Relief Device Management	CHECK VALVE Mandatory Appendix II Check Valve Condition Monitoring
CLRT (Appendix J) 10 CFR 50 Appendix J Containment Leakage Rate Testing	SNUBBER ASME OM Code ISTD Dynamic Restraint Examination & Testing	MOV Mandatory Appendix III Motor-Operated Valve Testing
AOV Mandatory Appendix IV Air-Operated Valve Testing	ISI ASME Section XI Code Inservice Inspection	HTEX Heat Exchanger Testing and Monitoring
PST (For New Reactors) ASME OM Code Pump & Valve Preservice Testing	PSI (For New Reactors) ASME Section XI Code Preservice Inspection	ENGAGE Expand all of your engineering software

<http://www.epplusengage.com>



COMPANY PROFILE

True North Consulting is an Engineering Services company specializing in support for the electric power industry. Founded in 1999, True North has provided engineering based consulting services to the majority of US utilities and to several abroad. Our services cover a wide spectrum within the power generation sector ranging from Engineering Programs related services in the nuclear power industry to plant Thermal Performance issues across the entire generation continuum. Additional areas of expertise include a complete array of Power Services associated with secondary plant equipment and a highly experienced Information Technology staff supporting our line of customized software products.

It is our goal and ongoing commitment to optimize these services with respect to cost, technical adequacy, and overall value to our clients. Towards this goal we continue to refine and update our staff and services through incorporation of technology and experience-based advancements.

Presented in this brochure is an overview of Appendix J Program Services offered by True North Consulting along with general information concerning our office locations and contact information.

We sincerely hope this provides a clear representation of our company and how True North Consulting might benefit performance at your facility.

CONTACT INFORMATION

True North Consulting is headquartered in Montrose, Colorado with satellite offices in Nebraska, Louisiana, New Jersey, New York, and Alabama. Address and contact information for our Appendix J Program Services offices are listed below:

Appendix J Program Services

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Containment Integrity / Appendix J



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The Next Level for Engineering Programs