



READINESS REVIEWS

HukariAscendent is a recognized leader in providing Implementation Validation Reviews (IVR), Management Self-Assessment (MSA), Readiness Assessment (RA), and Operational Readiness Review (ORR) support for the start-up of new nuclear facilities or the restart of existing facilities. Personnel in **HukariAscendent's** network are Subject Matter Experts (SME) in this specialty and helped draft DOE Order 425.1C and DOE-STD-3006. **HukariAscendent** has the experience to efficiently support each phase of the start-up process.

START-UP NOTIFICATION REPORT

HukariAscendent can assist in the development and submission of start-up notification reports.

PLAN of ACTION

HukariAscendent has the experience to develop a quality Plan of Action which is critical to the success of the start-up/restart process and includes definition of:

- Scope of the readiness demonstration
- Personnel requirements (training, drills/exercises)
- Documentation (procedures, training, surveillance, current preventive maintenance)
- Hardware (tests, drills/exercises, capability to handle expected upsets, engineered controls)
- Mentoring of teams during operational dry runs and emergency and upset drills
- Establishment and maintenance of proof/evidence files for each element of the Plan of Action.

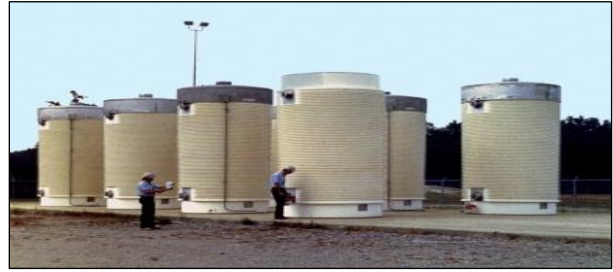
HukariAscendent's experience and implementation of lessons learned provides the benchmark for success in the review process and acceptance by DOE.

IMPLEMENTATION PLAN

- Development of comprehensive & detailed plans
- Interaction with Assessment Team and review of the Criteria and Review Approaches Document
- Tracking action plan elements against overall project schedule

START-UP PLANS

- Development of start-up plans including strategies, resources and interactions supporting activities
- Development of task schedules and logistics



MANAGEMENT AND LINE SUPPORT TO GET READY FOR THE READINESS REVIEW

- Management training on how to get ready for the assessment
- Training of personnel (both operational and review team)
- Interview practice
- Implementation Verification Review
- Management Self-Assessment and review of integration of all components

READINESS ASSESSMENTS/OPERATIONAL READINESS REVIEW

- Assist client during actual audit
- Contractor Readiness Assessment/Contractor Operational Readiness Review
- DOE Readiness Assessment/Operational Readiness Review

POST-AUDIT SUPPORT

- Recovery Plan development
- Resolution assistance for Pre-start findings
- Development of plans to address Post-start findings
- Development and execution of corrective action program

AUDIT TEAM PARTICIPATION

- Recovery Plan development
- Facility audit team member
- DOE audit team member

Project Performance and Customer Satisfaction

At **HukariAscendent** we recognize that it is not only our reputation that is on the line, but that of our clients as well. Our corporate mission is to provide only the highest quality service and long-term value to our customers through well-defined, proven methodologies and experienced, dedicated, and innovative staff. Our mission success is affirmed by the satisfaction expressed by our customers (sites and companies).

Readiness Review Support – Los Alamos

National Laboratory – Performed assessments of nuclear and less than Hazard Category 3 facilities to ensure compliance with site procedures. Led the development and institutionalization of processes for management assessments, independent assessments, readiness assessments, management observations and verifications, issues resolution, and effectiveness evaluations. Assisted in development of corrective actions based on laboratory self-assessments and Readiness Review findings. Provided broad senior project manager/ engineer support to the nuclear and non-nuclear hazardous facility startup and restart program. Led the Readiness Assessment team for startup of remediation activities at underground nuclear hazard category 2 and 3 waste burial sites. Conducted MSAs in the maintenance and utilities areas. Performed comprehensive MSA of Building TA-55. Participated in MSA and the subsequent Contractor ORR that enabled the first waste facility to be upgraded from Hazard Category 3 to Hazard Class 2. Technical/engineering services for preparation and development of BSL-3 Readiness Assessment and Project Management documentation. Participated in ORR for startup of WCRFF and RANT to expedite shipments of waste to WIPP. Provided support to the WETF (TA-16) Contractor Readiness Assessment.

Readiness Review Support – Paducah Plant –

Provided Operational Readiness Manager and the mentor team to support preparations for the DOE ORR. Conducted tabletop reviews to evaluate readiness, and mentored management and supervisory personnel on ORR practices. Supported resolution of ORR comments, and Plan of Action for resolution and closure of pre- and post-start actions.

Readiness Review Support – Oak Ridge Site –

Senior Management Mentor for the introduction of formal Conduct of Operations at the Oak Ridge Y-12 Plant for restart of nuclear operations in three major facilities shut down for safety reasons. Prepared managers and employees for a major Readiness Review including nuclear material handling, maintenance, training, procedure compliance, environmental regulatory compliance, nuclear safety, and corrective action management and verification. Conducted Independent Verification Reviews.

Readiness Review Support – Idaho Site –

Supported RRs, RAs, MSAs, and ORR of waste management activities. These included an RA for Remote-Handled TRU Waste Drum Venting Facility. Provided independent assessment of CWI Waste Management and Transportation, and provided MSA for Integrated Waste Treatment Unit.

Readiness Review Support – Hanford Site –

Provided Conduct of Operations and Startup mentoring for the sludge process. Completed self-assessments of safety basis program elements for the WTP and TOC facilities.

Readiness Review Support – Pantex Plant –

Provided the manager and mentors for the introduction of formal Conduct of Operations and Readiness Reviews. Conducted Independent Verification Reviews, including the observation of drills and dry-runs.

Readiness Review Support – Argonne National Laboratory –

Performed MSAs of programs, activities and behaviors for Nuclear Operations Division. Lead teams preparing and/or arranging for the performance of RRs, RAs, operational readiness reviews and appraisals of adequacy of changes to safety basis documents. Developed RA plan for de-inventory that was approved by DOE-HQ. Participated in MSA for Building 200 MA ISB Implementation Phase 2. Four nuclear facilities prepared for and passed a total of 6 readiness assessments for safety basis implementation including de-inventory and downgrade of three Hazard Category 2 nuclear facilities.

Readiness Review Support – Sandia National Laboratory –

Participated in assessment and assurance activities associated the nuclear and industrial safety activities including line implementation of nuclear facility safety requirements.

Readiness Review Support – New Brunswick Laboratory –

Provided technical support to New Brunswick Lab (NBL) personnel for successful completion of the DOE ORR for de-inventory. Assessed readiness by review of past assessments, performance of a current status assessment, and completion of corrective actions. Assisted NBL personnel in POA development and team preparation for de-inventory.