



QUALITY ASSURANCE

HukariAscendent is meeting client needs by following client specific Quality Assurance Program requirements in development of deliverables. Additionally, HukariAscendent provides knowledgeable senior personnel with significant government and commercial nuclear experience to assist client organizations in the development, implementation and evaluation of their Quality Assurance Programs to support DOE activities. Our personnel have worked in a variety of nuclear industry settings, from design, construction, and operation to deactivation and decommissioning activities, providing HukariAscendent clients with exceptional value through innovative, cost-effective solutions.

HukariAscendent personnel have extensive, industry-recognized expertise in current US nuclear quality regulations and standards such as:

- NQA-1-1994, NQA-1-2000, NQA-1-2008 w/ 2009 Addendum, NQA-1-2015 Quality Assurance Requirements for Nuclear Facility Applications
- DOE Order 414.1D, Quality Assurance
- 10 CFR 830 Subpart A, Quality Assurance Requirements

Along with DOE disposal site specific Quality Assurance Programs:

- Waste Isolation Plant Quality Assurance Program Description
- Nevada Test Site Waste Acceptance Criteria (Quality section)

HukariAscendent's network includes personnel with quality assurance program development and execution expertise as well as significant assessment and oversight experience. HukariAscendent has recently provided:

- Technical support to develop Conduct of Operations set of procedures



- Developed and implemented QA procedures for us in nuclear-related procurement processes
- Developed software QA programs and QA quality life cycle documentation
- Formalized efficient operational procedures using hazard categorization to quantify necessary and sufficient QA controls.
- Supported operating nuclear facilities in assessing QA activities, developing corrective action processes, and achieving readiness for regulatory authority assessment of the QA related programs and processes
- Developed compliance strategies for new DOE contract requirements documentation.
- Managed interface between criticality safety program, QA and CONOPS
- Provided professional direction to perform QSNDAs implementation utilizing past experience at Gaseous Diffusion Plants

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).

Quality Assurance Support – Idaho National Laboratory – Performed a QA Audit of the Waste Program for waste destined for AMWTP. Provided Quality Assurance Support for the development, implementation and close-out of work control packages and QA/QE support during ISMS Phase I and Phase II. Developed and implemented QA related portions of a new procurement process, and provided QA support for Integrated Waste Treatment Unit (highly radioactive sodium-bearing liquid waste) and Sludge Treatment activities.

Quality Assurance Support – Pantex Plant – Developed QA related documentation including: SQA Plans, Software Requirements, Software Safety Plans, Software Design and Test Plans, User Documentation and Software Retirement Plans.

Quality Assurance Support – Argonne National Laboratory – Developed and maintained QA programs and procedures, and performed implementation reviews of QA procedures for use throughout NOD. Assessed QA implementation for the Waste Management Operations Facility (WMOF). Assisted in formulating a graded approach to QA for procurement activities. Provide management consulting assistance to include QA support for the development of the NOD Conduct of Operations Manual, Conduct of Engineering Manual, Conduct of Training Manual and Conduct of Maintenance Manual.

QA Quality Assurance Support – Hanford Site – Provided expert quality professionals to support QA, and assisted CHPRC in development of QA procedures and performance QA implementation. Performed QA assessments for central plateau remediation projects.

Quality Assurance Support – Portsmouth Plant – Developed a compliance strategy for a new DOE contract requirements document and managed interface with the criticality safety program, QA, software QA and CONOPS. Developed and implemented QA procedures for use in the nuclear-related procurement process upgrades program.

Quality Assurance Support – New Brunswick Laboratory – As part of the assessment process for correction of deficiencies in preparation for de-inventory at NBL, evaluated the current QA program, and managed the modification of the Quality Assurance/Quality Improvement program to achieve compliance with 10 CFR 830, Subpart A.

Quality Assurance Support – Nevada Nuclear Safety Site – Provided QA support to the U1a (Hazard Category 3 to Hazard Category 2 transition), DAF, Jasper and High Hazard facilities, and projects UCEP, ARGUS, Lead-in-Line and SCF. Revised QA procedures to comply with DOE Order 414.1D, 10CFR830 and CCD-QA01.001. Develop QA implementing documents for U1a, assessed compliance, and assisted in closure of open actions.

Quality Assurance Support – Idaho National Laboratory – Assisted in development of the QA Program for the Integrated Waste Treatment Unit; and developed the framework for an NQA-1 compliant procurement process.