

Arthur A. Dye – Biography

- Organization: Kaiser-Hill Company, LLC, Material Stewardship Technical Support & Integration Department
- Area of Expertise: Plutonium and uranium operations and authorization basis development and implementation.
- Relevant Experience: Over 32 years of progressive experience at Rocky Flats Environmental Technology Site in plutonium and uranium research and development management, process operations, facility management, technical staff support and nuclear safety. Currently, he is the Kaiser-Hill Engineering Support Manager for waste facilities responsible for nuclear safety, criticality safety, and engineering. Was previously the Building 776/777 Basis for Interim Operations (BIO) Development & Implementation Manager responsible for all aspects of development and implementation of the facility nuclear safety authorization basis (AB), including analysis of plutonium process hazards, development of credible accident scenarios, development of System Evaluation Reports, and identification of associated nuclear safety controls. Was responsible for implementation of the AB, including Technical Safety Requirements, Limiting Conditions for Operations (LCO), and Safety Management Programs (i.e. Nuclear Safety, Criticality Control, Integrated Work Control, Conduct of Operations, Radiological Controls, etc.)
- Formerly, was Director of Readiness Assessments for Rocky Mountain Remediation Services (RMRS) responsible for the successful implementation of all Readiness Assessments under RMRS control, which included Operational Readiness Reviews (ORR), Implementation Validation Reviews (IVR), Management Reviews, and Internal Activity Reviews. Responsible for hiring and managing ORR and IVR Implementation Teams.
- Previously held line management positions as the Plutonium Hydride Laboratory Supervisor, Pyrochemistry Operations Production Manager, Technical Support Manager, Facility Manager, and Assistant Operations Manager for several nuclear facilities. These positions involved managing plutonium recovery processes, the entire facility operations, or providing technical support. Technical support included System Engineering (mechanical, structural and electrical), Criticality Engineering (Criticality Engineers and a building Criticality Safety Officer), Environmental Compliance (RCRA and TSCA regulated waste units, excess chemical dispositioning), and Nuclear Safety. Was responsible for all aspects of operation, which included Shift Managers, Shift Technical Advisors, and LCO Tracking Coordinator.
- Participated on numerous committees involved with safety such as the Nuclear Criticality Safety Committee, Building 707 Conduct of Operations Team, Nuclear Facility Operations Manual Team, Step-off Pad Policy Development Team, Building 707 Self Assessment Team, and chairman of the Criticality Safety Officer Qualification Board. Assisted in writing and implementing a procedure for “Transfer and Storage of Plutonium for Fire Safety”, participated in the development of the facility Nuclear Criticality Safety Manual, and implemented the Nuclear Safety Manual for Building 776/777.