



Department of Energy
National Nuclear Security Administration
Washington, DC 20585



June 7, 2010

MEMORANDUM FOR THEODORE D. SHERRY
MANAGER, Y-12 SITE OFFICE

FROM: GARRETT HARENCAK, BRIG GEN, USAF
PRINCIPAL ASSISTANT DEPUTY ADMINISTRATOR
FOR MILITARY APPLICATION
OFFICE OF DEFENSE PROGRAMS

SUBJECT: Approval of Nuclear Safety Delegations for Y-12 Site Office

- REFERENCES:
- (1) Memorandum from Sell to Brooks, et. al., *Delegation of Safety Authorities*, dated December 27, 2005
 - (2) BOP 10.002, *Delegations of Nuclear Safety Authority*, dated December 10, 2009

The nuclear safety delegations requested by your April 23, 2010, memorandum were reviewed against the Deputy Secretary's criteria in Reference (1). The qualifications of Mr. Kenneth Ivey, Mr. Kevin Smith, and yourself and the National Nuclear Security Administration (NNSA) Y-12 Site Office (YSO) capabilities and capacities were evaluated and documented per the NNSA Business Operating Procedure (BOP) for Delegations of Nuclear Safety Authority, Reference (2).

I understand each delegate has completed Nuclear Executive Leadership Training and Senior Technical Safety Manager (STSM) qualification, and each delegate has the capabilities and experience to properly exercise the requested authorities. In each case, the YSO capacity and capabilities were found to be adequate. Therefore, I am delegating the nuclear safety authorities as follows:

Mr. Theodore D. Sherry, Manager:

Authorization Basis — for new or major modifications to Hazard Category 2 and 3 nuclear facilities approve Safety Design Strategy (SDS), Conceptual Safety Design Report (CSDR), and Preliminary Safety Design Report (PSDR); and approve documentation for the SDS, Conceptual Safety Validation Report for the CSDR, and Preliminary Safety Validation Report for the PSDR.



Facility Safety — for all capital acquisition projects where the Site Office Manager is designated as the Acquisition Executive, review and approve implementation plans for nuclear and explosives safety design criteria; implementation methods other than those in referenced Implementation guides and standards; or the basis for exceptions to including multiple physical barriers to prevent or mitigate the release of radioactive materials to the environment as part of the nuclear design.

Facility Safety — Review and approve operations involving criticality hazards that require deviations from the double-contingency principle contained in ANSI/ANS 8.1 and required by DOE O 420.1 B.

Mr. Kevin W. Smith, Deputy Manager:

Authorization Basis — when Mr. Smith is in an acting capacity for the Site Office Manager and timely approvals are needed, approve Safety Design Strategy (SDS), Conceptual Safety Design Report (CSDR), and Preliminary Safety Design Report (PSDR); approve documentation for the SDS, Conceptual Safety Validation Report for the CSDR, and Preliminary Safety Validation Report for the PSDR.

In addition, you have my approval to re-delegate authority to Mr. Ken Ivey, up to the limits described below.

Mr. Kenneth D. Ivey, Assistant Manager for Engineering, Safety, and Environment:

Authorization Basis — approve changes and annual updates to Safety Basis documents for Hazard Category 2 and 3 nuclear facilities to include Documented Safety Analyses (DSA), Technical Safety Requirements (TSR), Unreviewed Safety Question (USQ) procedure, and Safety Evaluation Reports.

These delegations remain valid while the respective delegate serves in his current position and maintains his STSM qualification.

The NNSA Central Technical Authority has concurred with the delegation of Authorization Basis approval authority below the level of Site Office Manager.

cc: K. Smith, YSO
K. Ivey, YSO