



Department of Energy
National Nuclear Security Administration
Washington, DC 20585



May 21, 2018

MEMORANDUM FOR PETER D. RODRIK
LIVERMORE FIELD OFFICE

THRU: JAMES J. MCCONNELL 
CENTRAL TECHNICAL AUTHORITY

FROM: PATRICK T. CAHALANE 
COGNIZANT SECRETARIAL OFFICER FOR SAFETY

SUBJECT: Approval of Delegations of Nuclear Safety Authorities

REFERENCES: (1) Memorandum from Peter D. Rodrik to Patrick Cahalane,
“Request for National Nuclear Security Administration Nuclear
Safety Delegations for the Livermore Field Office,”
March 16, 2018

(2) Memorandum from James J. McConnell to Nicole Nelson-
Jean, “Approval of Nuclear Safety Delegations for Livermore
Field Office,” July 28, 2014

(3) NNSA Business Operating Procedure 07.01, *Delegations of
Nuclear Safety Authority*, October 28, 2014

By Reference (1), you requested delegations of nuclear safety authorities for yourself and Mr. Douglas Eddy, Senior Technical Safety Advisor (STSA). Your requested delegated authorities are to update and reaffirm the authorities, originally granted in Reference (2), due to your appointment as the Livermore Field Office (LFO) Manager. The requested delegated authorities for Mr. Eddy are to enable him to act in your absence from the office on urgent nuclear safety matters. You also informed me that the delegated nuclear safety authorities to Mr. Samuel D. Brinker are no longer necessary due to his transfer to a non-safety related position.

I approve the delegations to yourself and Mr. Eddy. I also rescind the delegated authorities for Mr. Brinker.

Although your delegated authorities as specified in Reference (2) remain valid, I consider it prudent to confirm that the bases upon which the delegations were made have not diminished in the period of time since Reference (2) was issued. Therefore, your qualifications and updated experience were re-evaluated and documented per

Reference (3). This evaluation determined that you continue to satisfy the requirements for delegation of your nuclear safety authorities.

Mr. Eddy qualified as Senior Technical Safety Manager (STSM) in December 2017. He is due for STSM requalification in April 2022. He completed Nuclear Executive Leadership Training in 2017. His experience at LFO is noteworthy. Prior to serving in his present position, Mr. Eddy served for 15 months as Acting STSA/Safety Basis and Engineering Lead, four years as Nuclear Facility Operations Team Leader, nine years as Operations Manager at the National Ignition Facility, and previously for seven years as Senior Facility Representative for Nuclear Facilities.

The capabilities, capacities, and framework to perform these delegations were evaluated in the 2016 Biennial Review of LFO. This review resulted in evaluation of Criticality Safety as “Exceeds Expectations” and all other applicable areas as “Meets Expectations.” The review determined that LFO had policies and procedures in effect and sufficient technical staff and resources that would support LFO’s proper execution of these delegated authorities.

I delegate the following nuclear safety authorities to you and Mr. Douglas Eddy:

Safety Design Basis - Approval Authority for safety design basis documents for Hazard Category 2 and 3 nuclear facilities developed in accordance with DOE-STD-1189-2016. This approval authority covers safety design basis documents prepared in accordance with DOE-STD-1189-2008 in cases where a project is following that standard.

Safety Basis - Approval Authority for safety basis documents for Hazard Category 2 and 3 nuclear facilities are required by 10 CFR 830 Subpart B, Safety Basis Requirements. This includes Documented Safety Analyses, Technical Safety Requirements, Unreviewed Safety Question (USQ) procedures, documents that result from positive USQ determinations, and revisions to those documents.

Startup and Restart - Authorization Authority for startup of Hazard Category 3 nuclear facilities and for restart of Hazard Category 2 and 3 nuclear facilities.

These delegations remain valid while you and Mr. Eddy serve in your current positions and maintain STSM qualification.

Consistent with Section 3.2 of DOE-STD-1104-2016, *Review and Approval of Nuclear Facility Safety basis and Safety Design Basis Documents*, the safety basis delegation excludes approval authority for proposed changes to an existing facility safety basis where no viable control strategy exists to prevent or mitigate the offsite dose consequence of an accident scenario from exceeding the Evaluation Guideline.

The Central Technical Authority concurs with the delegation of nuclear safety authorities to Mr. Eddy.

cc:

J. McConnell, NA-50

D. Sigg, NA-51

J. Roberson, NA-51

P. Rhoads, NA-50

D. Schwendenman, NA-512

S. Johnson, NA-512

D. Eddy, LFO