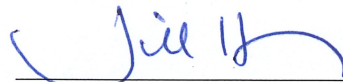


NATIONAL NUCLEAR SECURITY ADMINISTRATION  
DESIGNATION ORDER NO. NA-2023-DES-NA1-NAESH-01

1. DESIGNATION. Pursuant to the authority vested in me under Sections 3212 and 3261 of the *National Nuclear Security Administration (NNSA) Act* (50 United States Code 2402, 2461), I designate Ahmad Al-Daouk, the Associate Administrator for Environment, Safety, and Health, as the NNSA Cognizant Secretarial Officer (CSO) for Safety. Although the term “Cognizant Secretarial Officer ” is not consistently used in Department of Energy (DOE) directives, NNSA safety related CSO functions and responsibilities are established in Departmental regulations and directives, and are described in NNSA Supplemental Directive 450.2B, *Functions, Responsibilities, and Authorities (FRA) for Safety Management* (or successor document). See the attachment to this Designation Order for specific designation of authorities.
  2. RESCISSION. Hereby rescinding Designation Order No. NA-DES-NA1-NA50-01, issued to Daniel Sigg.
  3. LIMITATIONS.
    - 3.1. This Designation Order covers only NNSA safety-related matters.
    - 3.2. In exercising the authority delegated in this Designation Order, the CSO shall be governed by the rules and regulations of the DOE/NNSA, and the policies and procedures prescribed by the Secretary and Under Secretary for Nuclear Security/Administrator.
    - 3.3. Nothing in this Designation Order precludes the Under Secretary for Nuclear Security/ Administrator from exercising any of the authority designated by this Designation Order.
    - 3.4. Nothing in this Designation Order shall be construed to supersede or otherwise interfere with the authorities provided to the NNSA Administrator by law or delegation.
    - 3.5. Any amendments to this Designation Order shall be made in consultation with the NNSA General Counsel.
    - 3.6. CSO retains responsibility for approval of exemptions to 10 CFR Part 830, per 10 CFR Part 820.
    - 3.7. CSO retains responsibility for approval of safety basis documents where no viable control strategy exists to prevent or mitigate the offsite dose consequence of one or more of the accident scenarios from exceeding the Evaluation Guideline of 25 rem.
  4. RESTRICTIONS TO RE-DELEGATE.
    - 4.1. Except as expressly prohibited by law, regulation, or this Designation Order, the CSO may delegate specific nuclear safety authorities and Hazard Category 2 or 3 nuclear facilities startup or restart authority further to individuals, subject to requirements for delegation and re-delegation in DOE and NNSA regulations, directives, and limitations expressed herein.
  5. AUTHORITY TO REDESIGNATE. This designation may not be re-designated.
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6. DURATION AND EFFECTIVE DATE.

- 6.1. All actions pursuant to any authority designated prior to this Designation Order or any authority delegated pursuant to previous designations, taken prior to and in effect on the date of this Designation Order, are ratified and remain in force as if taken under this Designation Order; unless or until rescinded, amended, or superseded.
- 6.2. A copy of this Designation Order shall be provided to NNSA Office of Policy and Strategic Planning, NNSA Directives Team
- 6.3. This Designation Order is effective on the date of signature, below.



Jill Hruby

Under Secretary for Nuclear Security  
Administrator, NNSA

2/6/23

Date

## Attachment 1

| Reference <sup>i</sup>    | Function   | Responsibilities                                  | NNSA CSO Designation of Authority  |
|---------------------------|--|---|--|
| 10 CFR Part 820           | Secretarial Officer  | Exemption Relief                                  | Grant a temporary or permanent exemption to 10 CFR Part 830.   |
| 10 CFR Part 830           | DOE Management Official  | Safety Basis Approval<br>(Facility Safety/Design) | Approve safety basis documents for nuclear facilities (e.g., reactors, explosive facility, transportation activities, transportation of materials of National Security).                   |
| DOE O 420.IC              | Secretarial Officer  |   | Approve safety basis documents in accordance with DOE-STD-1104-2016.   |
| DOE O 413.3B              | Program Secretarial Officer<br>Safety Basis Approval Authority |   | Approve documentation supporting integration of safety analysis <sup>ii</sup> for new Hazard Category 1, 2, and 3 nuclear facilities via Safety Review Letter or Safety Evaluation Report. |
| DOE O 425.1D              | Program Secretarial Officer<br>Startup Authorization Authority | Startup and Restart<br>Approval Authority         | Initial startup of a <b>newly constructed</b> Hazard Category 2 nuclear facility (not activity or operation) with a new DSA and associated TSRs.   |
|                           |  |   | Initial startup of a <b>newly constructed</b> Hazard Category 2 or 3 nuclear <u>activity or operation</u> with a new DSA and associated TSRs <sup>iii</sup>                                |
|                           |  |   | Initial startup after <b>conversion</b> of an existing facility to a Hazard Category 2 nuclear facility with a new DSA and associated TSRs.  |
|                           | DOE O 413.3B   |   | Restart of a nuclear facility, activity, or operation that has <b>upgraded</b> its Hazard Categorization to Hazard Category 2. <sup>iv</sup>   |
|                           |  |   | Conduct an Operational Readiness Review or Readiness Assessment for <b>Hazard Category 1, 2, and 3</b> nuclear facilities in accordance with DOE O 425.1D.                                 |
|                           |  |   | For <b>non-nuclear projects</b> , conduct a formal assessment of the project's Readiness to Operate, as appropriate.   |
| DOE O 425.1D <sup>v</sup> | Program Secretarial Officer<br>Startup Authorization Authority | Startup and Restart<br>Approval Authority         | Initial startup of a <b>newly constructed</b> Hazard Category 3 nuclear facility (not activity or operation) with a new DSA and associated TSRs.   |
|                           |  |   | Initial startup after <b>conversion</b> of an existing facility to a new Hazard Category 3 nuclear facility with a new DSA and associated TSRs.  |
|                           |  |   | Restart of a nuclear facility, activity, or operation that has <b>upgraded</b> its Hazard Categorization to Hazard Category 3.   |
|                           |  |   | Restart for an <b>extended shutdown</b> of a Hazard Category 1 or 2 nuclear facility, activity, or operation. <sup>vi</sup>  |
|                           |  |   | Restart for a <b>shutdown because of substantial process, system, or facility modifications</b> to a Hazard Category 1 or 2 nuclear facility, activity, or operation.                      |

<sup>i</sup> Based on most current version or successor document when the Designation Order was generated and/or effective date of Designation Order

<sup>ii</sup> Includes Safety Design Strategy, Conceptual Safety Design Report, Preliminary Safety and Design Results, and Preliminary Documented Safety Analysis

<sup>iii</sup> Per DOE O 425.1D, approval to start must be granted by an official of a level commensurate with the DSA Approval Authority

<sup>iv</sup> Note that DOE O 425.1D does not cover restart of a nuclear facility, activity, or operation that has **downgraded** its Hazard Categorization

<sup>v</sup> These Startup Authorization Authority responsibilities are identified for completeness only, per DOE O 425.1 these responsibilities are already identified as CSO (or designee) responsibilities.

<sup>vi</sup> Note that DOE O 425.1 does not indicate “(or designee)” for **extended shutdown** of Hazard Category 1 nuclear facility, activity, or operation; however, it does for **shutdown because of substantial process, system, or facility modifications**; therefore, for consistency included as part of the CSO responsibilities