



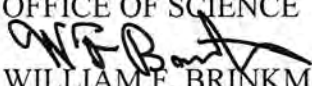
**Department of Energy**  
Office of Science  
Washington, DC 20585

**Office of the Director**

January 26, 2012

MEMORANDUM FOR JOSEPH A. MCBREARTY  
DEPUTY DIRECTOR FOR FIELD OPERATIONS  
OFFICE OF SCIENCE

FROM:

  
WILLIAM F. BRINKMAN  
DIRECTOR  
OFFICE OF SCIENCE

SUBJECT:

Delegations of Authority for Office of Science  
Operations, Safety, and Security

Designated authorities assigned through the responsibilities listed in Department of Energy (DOE) Directives and Rules or otherwise delegated to me through DOE Delegation Orders are established to ensure objective and consistent decision making by appropriate levels of line management. This memorandum supersedes my prior delegations of authority memoranda to you dated June 10, 2011 and delegates to you the Office of Science (SC) specific authorities listed on Attachment, based upon your qualifications and expertise described in the memorandum from the Deputy Secretary dated December 27, 2005, *Delegations of Safety Authorities*. Unless otherwise specified, these authorities may be re-delegated to SC Site Office or Integrated Support Center Managers or to Associate Directors based upon demonstrated competency and staffing at the respective offices. The authorities listed on the attachment will continue until rescinded, amended or superseded in writing.

Attachment



cc:

Cynthia Baebler, Manager, Ames Site Office  
Joanna Livengood, Manager, Argonne Site Office  
Aundra Richards, Manager, Berkeley Site Office  
Michael Holland, Manager, Brookhaven Site Office  
Michael Weis, Manager, Fermi Site Office  
Johnny Moore, Manager, ORNL Site Office  
Roger Snyder, Manager, Pacific Northwest Site Office  
Maria Dikeakos, Manager, Princeton Site Office  
Joseph Arango, Manager, Thomas Jefferson Site Office  
Paul Golan, Manager, SLAC Site Office  
John Eschenberg, Acting Manager, Oak Ridge Office  
Roxanne Purucker, Manager, Chicago Office

Gene Runkle, SC-3  
Carol Sohn, SC-3  
Marc Jones, SC-31  
Devon Streit, SC-32

**Delegations of Authority for Joseph A. McBrearty  
Deputy Director for Field Operations, Office of Science**

**Operations and Safety**

1. Integrated Safety Management (ISM) System Functions (DOE O 450.2, 5.b.(1)): Develop and maintain an ISM System Description Document and an organizational FRA for their Headquarters office. The System Description and FRA can be provided in separate documents or in the same document.
2. Integrated Safety Management (ISM) System Functions (DOE O 450.2, 5.b.(2)): Review and approve Field Elements' ISM System Descriptions. Monitor the status of Field Element and Field Element contractors' ISM systems; monitor Field Elements' establishment and implementation of safety goals and objectives.
3. Integrated Safety Management (ISM) System Functions (DOE O 450.2, 5.b.(3)): Determine the need for, and frequency of, ISM Declarations for Field Element and contractor facilities and activities based on hazards, risk, and performance history with input from Field Elements.
4. Integrated Safety Management (ISM) System Functions (DOE O 450.2, 5.b.(4)): Define the delegations of authorities and specify the responsibilities related to ES&H that are assigned to specific offices within their organizations in an FRA document.
5. Integrated Safety Management (ISM) System Functions (DOE O 450.2, 5.b.(5)): Establish minimum expectations in terms of individual and organizational capabilities for assigned safety responsibilities or delegated safety authorities.
6. Integrated Safety Management (ISM) System Functions (DOE O 450.2, 5.b.(6)): Establish Secretarial office level MOUs, as appropriate, that define the agreed-upon procedures governing operations at locations where multiple program offices conduct work.
7. Safety Basis functions (10 CFR 830 Subpart B 830.204 (a)): For hazard category 1, 2 and 3 nuclear facilities: Approve the methodology used to prepare the DSA, including the criteria for classifying nuclear safety structures, systems and components, and document the basis for approval whenever the contractor does not use a methodology from Table 2 of Appendix A to Subpart B of 10 CFR 830. This authority may not be re-delegated.\*
8. Safety Basis functions (10 CFR 830 Subpart B 830.202 (b).(3) and App. A F.3): Approve final hazard categorization for category 1, 2 and 3 nuclear facilities.\*
9. Safety Basis functions (10 CFR 830 Subpart B 830.202 (b), (c) and (e)): For hazards category 1, 2 and 3 nuclear facilities: Approve Unreviewed Safety Question (USQ) procedures and processes, changes determined to involve a USQ prior to implementation,

and continued operations when a USQ is determined to exist.

10. Safety Basis functions (10 CFR 830 Subpart B 830.202 (a) and (b) and Subpart B Appendix A E. 2; 830.205 (a).(2); 830.207 (b) and (d); and 830.206 (b).(1) and (2)): For hazard category 1, 2 and 3 nuclear facilities approve the safety basis documentation.
11. Radiation Protection functions (10 CFR 835 Subpart B 835.101 (a) and (b)): Approve Radiation Protection Programs (RPPs).
12. Quality Assurance functions (DOE O 414.1D, 5.b.(2)): Act as the approval authority or delegate such authority , as appropriate for QAPs within the Secretarial Officer's organization, and the DOE filed elements and contractors within the purview of that Secretarial Office.
13. Quality Assurance functions (DOE O 414.1D, 5.b.(4)): Ensure development and approval of the QAP governing the work of their respective organization that meets the requirements of the order.
14. Quality Assurance functions (DOE O 414.1D, 5.b.(5)): Ensure reviews are performed of the Office of Science QAP.
15. Quality Assurance functions (10 CFR 830 Subpart A 830.121 (b).(1), (2), and (3) and DOE O 414.1D, 5.b.(6)): Ensure review and approval of new or revised QAPs for:
  - (a) field elements under your purview and
  - (b) contractors within the purview of the Secretarial Office, if approval authority is not delegated
16. Startup and Restart of Nuclear Facilities functions (DOE O 425.1D, 4.b.(1) and (2)): Startup authority for a newly constructed hazard category 3 nuclear facility with a new DSA and TSRs. Startup authorization authority for initial startup after conversion of an existing facility to a new hazard category 3 nuclear facility with a new DSA and TSRs. Startup authorization authority for the initial startup of a newly constructed hazard category 1, 2 or 3 nuclear activity or operation with a new DSA and TSRs that is commensurate with the DSA approval authority.
17. Startup and Restart of Nuclear Facilities functions (DOE O 425.1D, 4.b.(3)): Startup authorization authority for restart of facility, activity or operation that has upgraded its hazard categorization to hazard category 3.
18. Startup and Restart of Nuclear Facilities functions (DOE O 425.1D, 4.b.(6) ): Startup authorization authority for the restart of a hazard category 2 nuclear facility, activity or operation following extended shutdown ( $\geq$  12 months).
19. Startup and Restart of Nuclear Facilities functions (DOE O 425.1D, 4.b.(7)): Startup authorization authority for the restart following shutdown because of substantial process, system or facility modifications of a hazard category 1 and 2 nuclear facility, activity or

operation.

20. Startup and Restart of Nuclear Facilities functions (DOE O 425.1D, 4.b.(5)): Startup authorization authority for the restart of a hazard category 1 nuclear facility following shutdown due to violation of a safety limit.
21. Startup and Restart of Nuclear Facilities functions (DOE O 425.1D, 4.c.(4)): Approve Startup Notification Reports if you are the startup authorization authority; otherwise, make recommendation regarding approval.
22. ES&H Reporting functions DOE O 231.1B, 5.a.(1)-(12) and DOE O 232.2, 5.(a).(1)-(7).
23. Corrective Action Plan functions (DOE O 227.1, 5.a (1)-(4). and DOE O 225.1B, 5.a.(1)-(6)): Approve corrective action plans resulting from independent oversight appraisal reports and manage accident investigation functions.
24. Nuclear Facility Safety functions (DOE O 420.1B Chg 1, 5.b.(2), (6), (7)): Approve requests for exemptions, basis for exceptions to prevent release and deviations (only for criticality double contingency) from requirements of O 420.1B, Facility Safety.
25. Nuclear Facility Safety functions (DOE O 420.1B Chg 1, 5.b.(3)): Authority to review and approve contractor implementation plans for nuclear safety design criteria.
26. Conduct of Operations functions (DOE O 422.1, 5.a.(1)): Determine applicability of Conduct of Operations Order to facilities other than Hazard Category 1, 2, or 3 nuclear facilities.
27. Conduct of Operations functions (DOE O 422.1, 5.a.(2)): Approve or designate approval authority for conduct of operations documentation for Government owned-Government operated facilities.
28. Personnel Selection, Training, Qualification and Certification Requirements for DOE Nuclear Facilities (DOE 426.2, 5.a.(4)): Approve assessments for full-scope or part-task simulators at Category A reactor facilities.
29. Maintenance functions (DOE O 433.1B, 5.a.(2)): Approve nuclear maintenance management program documentation for Government owned-Government operated activities.
30. Maintenance functions (DOE O 433.1B, 5.a.(4)): Approve requests for equivalencies and exemptions from requirements of O 433.1B, Maintenance Management Program for DOE Nuclear Facilities.
31. Worker Protection functions (10 CFR 851 Subpart D 851.31 and 851.32): Secretarial Officer actions on variances to the Rule (this does not include authority to grant variance



approvals). This authority may not be re-delegated.

32. Worker Protection functions (DOE Order 440.1B, 5.a.(6)): Approve exemptions to Order 440.1B (this does not include exemptions to OSHA standards).

### **Safeguards and Security**

1. Safeguards function (DOE O 474.2, Chg 1, Sections 4.g.(1)-(8) and 5.a.(1)-(12)): Approve termination of safeguards for special nuclear materials and as required, coordinate with the Office of Health, Safety, and Security and the Office of Nuclear Materials Integration. Manage safeguards and security programs.
2. Protection Program Operations (DOE O 473.3, 7.(a) and (b)) and Safeguards and Security functions (DOE O 470.4B, Section 1.5.d.(1)-(3) and (5)-(11)): Designation as the Officially Designated Federal Security Authority (ODFSA) with further delegation and approval authority. The use of the terms ODFSA and DOE Cognizant Security Officer are synonymous. Manage safeguards and security programs.
3. Authorizing Official (DOE O 205.1B Section 4.b.(6); 5.b.(5); 5.g.(1)-(6): authorize information systems to ensure operation with an acceptable level of risk.



William F. Brinkman  
Director, Office of Science

1/26/12

Date