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DEFENSE NUCLEAR FACILITIES SAFETY BOARD

625 Indiana Avenue, NW, Suite 700, Washington, D.C. 20004-2901
(202) 694-7000



October 2, 2001

Mr. Mark B. Whitaker, Jr., S-3.1
Departmental Representative to the
Defense Nuclear Facilities Safety Board
U.S. Department of Energy
1000 Independence Avenue, SW
Washington, DC 20585-1000

Dear Mr. Whitaker:

On December 9, 1997, Ronald W. Barton transmitted to the Department of Energy (DOE) a list of DOE Orders of Interest to the Defense Nuclear Facilities Safety Board (Board). Since that time, a number of Orders have been revised, and many four-digit Orders have been replaced by new, three-digit Orders. In addition, pertinent new Directives have been identified as a result of reviews by the Board's staff. In view of these changes, it is appropriate to update the list of Orders of Interest to the Board, as indicated in the enclosed tables.

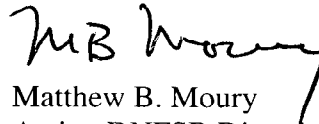
The enclosed list of Orders of Interest is divided into three groups: (1) currently active Orders; (2) archived or deleted Orders that may still be cited in existing contracts; and (3) other documents setting forth safety-related requirements.

As Mr. Barton previously noted, the Board is also interested in all associated documents, such as Secretarial Notices, Rules, Policies, Manuals, Guides, Standards, Handbooks, and other documents relevant to the identified Orders, since these documents clarify and expand upon the Orders. In addition, the Board is interested in specific documents that are not necessarily associated with hierarchical orders, such as DOE-STD-3013-2000, *Criteria for Preparing and Packaging Plutonium Metals and Oxides for Long-Term Storage*, and DOE-STD-3009-94, *Preparation Guide for U.S. DOE Nonreactor Nuclear Facility Safety Analysis Reports*.

As also noted in Mr. Barton's December 1997 letter, the identified four-digit Orders are still of interest to the Board, even though some of these Orders have been, or may be, cancelled or superseded by new three-digit Orders or Rules. The Board will continue to consider these to be Orders of Interest until all the contracts governing defense nuclear facilities that specify these Orders have been renegotiated, amended, or replaced by new contracts, resulting in appropriate incorporation of the new Orders.

If you have any questions or comments, please contact me at (202) 694-7135, or Dudley Thompson at (202) 694-7144.

Sincerely,

A handwritten signature in black ink that reads "MB Moury". The signature is written in a cursive style with a large, sweeping flourish at the end.

Matthew B. Moury
Acting DNFSB Directives Lead

Enclosure

Orders of Interest to the Board

Group 1. Currently Active Orders

Order Number	Title
O151.1A	Comprehensive Emergency Management System
O210.1, Chg 2	Performance Indicators and Analysis of Operations Information
O225.1A	Accident Investigations
O231.1, Chg 2	Environment, Safety, and Health Reporting
O232.1A	Occurrence Reporting and Processing of Operational Information
O251.1A	Directives System
O252.1	Technical Standards Program
O360.1A	Training
O413.3	Program and Project Management for the Acquisition of Capital Assets
O414.1A	Quality Assurance
O420.1, Chg 3	Facility Safety
O425.1B	Startup and Restart of Nuclear Facilities
O430.1A	Life Cycle Asset Management
O433.1	Maintenance Management Program for DOE Nuclear Facilities
O435.1	Radioactive Waste Management
O440.1A	Worker Protection Management for DOE Federal and Contractor Employees
O442.1A	Department of Energy Employee Concerns Program
O451.1B	National Environmental Policy Act Compliance Program
O452.1B	Nuclear Explosive and Weapon Surety Program
O452.2B	Safety of Nuclear Explosive Operations
O460.1A	Packaging and Transportation Safety
O460.2, Chg 1	Departmental Materials Transportation and Packaging Management
O461.1	Packaging and Transfer or Transportation of Materials of National Security Interest

Order Number	Title
O470.2A	Security and Emergency Management Independent Oversight and Performance Assurance Program
O474.1A	Control and Accountability of Nuclear Materials
O3790.1B	Federal Employee Occupational Safety and Health Program
O4330.4B	Maintenance Management Program
O4700.1, Chg 1	Project Management System
O4700.4	Project Manager Certification
O5400.1, Chg 1	General Environmental Protection Program
O5400.5, Chg 2	Radiation Protection of the Public and the Environment
O5480.4, Chg 4	Environment Protection, Safety, and Health Protection Standards
O5480.19, Chg 1	Conduct of Operations Requirements for DOE Facilities
O5480.20A	Personnel Selection, Qualification, Training and Staffing Requirements at DOE Reactor and Non-Reactor Nuclear Facilities
O5480.21	Unreviewed Safety Questions
O5480.22, Chg 2	Technical Safety Requirements
O5480.23, Chg 1	Nuclear Safety Analysis reports
O5480.30, Chg 1	Nuclear Reactor Safety Design Criteria
O5530.1A, Chg 1	Accident Response Group
O5530.2	Nuclear Emergency Search Team
O5530.3, Chg 1	Radiological Assistance Program
O5530.4	Aerial Measuring System
O5600.1	Management of the Department of Energy Weapon Program and Weapon Complex
O5632.1C	Protection and Control of Safeguards and Security Interests
O5660.1B	Management of Nuclear Materials
O6430.1A	General Design Criteria

Orders of Interest to the Board

Group 2. Archived or Deleted Orders of Interest to the Board That May Be Cited in Current Contracts

Order Number	Title
O1300.2A	Department of Energy Technical Standards Program
O1360.2B	Unclassified Computer Security Program
O1540.2, Chg 1	Hazardous Material Packaging for Transport - Administrative Procedures
O1540.3A	Base Technology for Radioactive Material Transportation Packaging Systems
O5000.3B, Chg 1	Occurrence Reporting and Processing of Operations Information
O5400.2A Chg 1	Environmental Compliance Issue Coordination
O5400.3	Hazardous and Radioactive Mixed Waste Program
O5400.4	Comprehensive Environmental Response, Compensation, and Liability Act Requirements
O5440.1E	National Environmental Policy Act Compliance Program
O5480.1B, Chg 5	Environmental, Safety and Health Program for DOE Facilities
O5480.3	Safety Requirements for the Packaging and Transportation of Hazardous Materials, Hazardous Substances, and Hazardous Wastes
O5480.5, Chg 2	Safety of Nuclear Facilities
O5480.6	Safety of Department of Energy-Owned Nuclear Reactors
O5480.7A	Fire Protection
O5480.8A, Chg 2	Contractor Occupational Medical Program
O5480.9A	Construction Safety and Health Program
O5480.10	Contractor Industrial Hygiene Program
O5480.11	Radiation Protection for Occupational Workers
O5480.15	Department of Energy Laboratory Accreditation Program for Personnel Dosimetry
O5480.17	Site Safety Representatives
O5480.18B	Nuclear Facility Training Accreditation Program
O5480.24	Nuclear Criticality Safety
O5480.25	Safety of Accelerator Facilities

Order Number	Title
O5480.26	Trending and Analysis of Operations Information Using Performance Indicators
O5480.28	Natural Phenomena Hazards Mitigation
O5480.29	Employee Concerns Management System
O5480.31	Startup and Restart of Nuclear Facilities
O5481.1B, Chg 1	Safety Analysis and Review System
O5482.1B, Chg 1	Environment, Safety, and Health Appraisal Program
O5483.1A	Occupational Safety and Health Program for DOE Contractor Employees at Government-Owned Contractor-Operated Facilities
O5484.1B	Environmental Protection, Safety and Health Protection Information Reporting Requirements
O5500.1B	Emergency Management System
O5500.2B, Chg 1	Emergency Categories, Classes, and Notification and Reporting Requirements
O5500.3A, Chg 1	Planning and Preparedness for Operational Emergencies
O5500.4A	Public Affairs Policy and Planning Requirements for Emergencies
O5500.7B	Emergency Operating Records Protection Program
O5500.10	Emergency Readiness Assurance Program
O5610.10	Nuclear Explosive and Weapon Safety Program
O5610.11	Nuclear Explosive Safety
O5610.12	Packaging and Offsite Transportation of Nuclear Components, and Special Assemblies Associated with the Nuclear Explosive and Weapon Safety Program
O5632.11	Physical Protection of Unclassified Irradiated Reactor Fuel in Transit
O5700.6C, Chg 1	Quality Assurance
O5820.2A	Radioactive Waste Management

Orders of Interest to the Board

Group 3. Related Documents Setting Forth Safety-Related Requirements

Document Number	Title
N203.1	Software Quality Assurance
P410.1A	Promulgating Nuclear Safety Requirements
P411.1	Safety Management Functions, Responsibilities and Authorities
P426.1	Federal Technical Capability for Defense Nuclear Facilities
P441.1	Radiological Protection for DOE Activities
P450.1	Environment, Safety, and Health Policy for the Department of Energy Complex
P450.2A	Identifying, Implementing, and Complying with ES&H Requirements
P450.3	Authorizing Use of the Necessary and Sufficient Process for Standards-Based Environment, Safety and Health
P450.4	Safety Management System Policy
P450.5	Line Environment, Safety and Health Oversight
P450.6	Secretarial Policy Statement on Environment, Safety, and Health
10CFR820	Procedural Rules for DOE Nuclear Activities
10CFR830, Subpart A	Quality Assurance Requirements
10CFR830, Subpart B	Safety Basis Requirements
10CFR834	Radiation Protection of the Public and the Environment
10CFR835	Occupational Radiation Protection
48CFR970.5204-2	Laws, Regulations, and DOE Directives
48CFR.5215-3	Conditional Payment of Fee, Profit, or Incentives
48CFR.5223-1	Integration of Environment, Safety, and Health Into Work Planning and Execution
Various	DOE Manuals, Guides, Handbooks, and Technical Standards Associated with Safety Management