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DEFENSE NUCLEAR FACILITIES SAFETY BOARD

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December 9, 1997

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

Dear Mr. Whitaker,

This letter forwards the current list of Orders of Interest to the Defense Nuclear Facilities Safety Board (Board) in the following enclosed tables:

- Table 1 - Original List of 51 Orders of Interest to the Board,
- Table 2 - Additions to Original List of 51 Orders of Interest to the Board Due to Expanded Board Jurisdiction to Include Weapons Dismantlement/Fabrication Facilities, and
- Table 3 - Other Additions to Original List of Orders of Interest to the Board.

These tables identify only Orders. The Board is also interested in all the associated directives, such as Rules, Policies, Manuals, Guides, Standards, Handbooks, and other documents relevant to the identified Orders, since these documents clarify and expand upon the Orders proper. In addition, the Board is interested in specific directives system documents that are not necessarily associated with Department of Energy (DOE) Orders. An example is DOE-STD-3013, *Criteria for Preparing and Packaging Plutonium Metals and Oxides for Long-Term Storage*, which is a key element in DOE's Implementation Plan for Board Recommendation 94-1, providing vital requirements for the safe stabilization and storage of plutonium metal and oxide. However, this Technical Standard is not guidance for an Order and is, therefore, not in the Order hierarchy.

The old four-digit Orders provided in Tables 1 and 2 are still of interest to the Board, even though some of these Orders are intended by the DOE to be cancelled or superseded by the issuance of new three-digit Orders or Rules. The Board will continue to consider the old Orders of Interest until the current contracts wherein these Orders are still in force have been renegotiated, amended, or replaced by new contracts, resulting in appropriate incorporation of the new Orders.

Table 3 includes the new three-digit Orders of Interest to the Board that were identified through the Board's public meetings, ending in December 1996, as well as three additional Orders that have been identified through the Board's staff's ongoing reviews of directives system documents that are being coordinated through the Departmental Representative's Office. As the Department develops new or revised Orders and associated directives system documents, we expect to continue to receive these documents for review. Based on these reviews, appropriate additions will be made to the listing of Orders of Interest to the Board and these additions will be identified to DOE.

If you have any questions or comments, please contact me at (202) 208-6409.

Sincerely,



Ronald W. Barton
DNFSB Directives Lead

Enclosures (3)

Table 1
Original List of 51 Orders of Interest to the Board

Order Number	Title
O1300.2A	Department of Energy Technical Standards Program
O1360.2B	Unclassified Computer Security Program
O1540.2	Hazardous Material Packaging for Transport - Administrative Procedures
O1540.3A	Base Technology for Radioactive Material Transportation Packaging Systems
O4330.4B	Maintenance Management Program
O4700.1	Project Management System
O5000.3B	Occurrence Reporting and Processing of Operations Information
O5400.1	General Environmental Protection Program
O5400.2A	Environmental Compliance Issue Coordination
O5400.4	Comprehensive Environmental Response, Compensation, and Liability Act Requirements
O5400.5	Radiation Protection of the Public and the Environment
O5440.1E	National Environmental Policy Act Compliance 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
O5480.19	Conduct of Operations Requirements for DOE Facilities
O5480.1B	Environment, Safety and Health Program for Department of Energy Operations
O5480.20A	Personnel Selection, Qualification, Training and Staffing Requirements at DOE Reactor and Non-Reactor Nuclear Facilities
O5480.21	Unreviewed Safety Questions
O5480.22	Technical Safety Requirements
O5480.23	Nuclear Safety Analysis Reports
O5480.24	Nuclear Criticality Safety
O5480.25	Safety of Accelerator Facilities
O5480.26	Trending and Analysis of Operations Information Using Performance Indicators
O5480.28	Natural Phenomena Hazards Mitigation
O5480.29	Employee Concerns Management System
O5480.3	Safety Requirements for the Packaging and Transportation of Hazardous Materials, Hazardous Substances, and Hazardous Wastes
O5480.30	Nuclear Reactor Safety Design Criteria
O5480.31	Startup and Restart of Nuclear Facilities
O5480.4	Environment Protection, Safety, and Health Protection Standards
O5480.5	Safety of Nuclear Facilities
O5480.6	Safety of Department of Energy-Owned Nuclear Reactors
O5480.7A	Fire Protection
O5480.8A	Contractor Occupational Medical Program

Table 1
Original List of 51 Orders of Interest to the Board

Order Number	Title
O5480.9A	Construction Safety and Health Program
O5481.1B	Safety Analysis and Review System
O5482.1B	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
O5500.10	Emergency Readiness Assurance Program
O5500.1B	Emergency Management System
O5500.2B	Emergency Categories, Classes, and Notification and Reporting Requirements
O5500.3A	Planning and Preparedness for Operational Emergencies
O5500.4A	Public Affairs Policy and Planning Requirements for Emergencies
O5500.7B	Emergency Operating Records Protection Program
O5632.1C	Protection and Control of Safeguards and Security Interests
O5700.6C	Quality Assurance
O5820.2A	Radioactive Waste Management
O6430.1A	General Design Criteria

Table 2
Additions to
Original List of 51 Orders of Interest to the Board
Due to Expanded Board Jurisdiction to Include
Weapons Dismantlement/Fabrication Facilities

Order Number	Title
O5530.1A	Accident Response Group
O5530.2	Nuclear Emergency Search Team
O5530.3	Radiological Assistance Program
O5530.4	Aerial Measuring System
O5600.1	Management of the Department of Energy Weapon Program and Weapon Complex
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

Table 3
Other Additions to
Original List of Orders of Interest to the Board

Order Number	Title	Basis for Board Interest
O151.1	Comprehensive Emergency Management System	Replaces significant elements of 5500 series of 4-digit orders (which are among the original 51) addressing Emergency Preparedness and response. Identified during 5/30/97 public meeting as an order to be added to original list of 51.
O210.1	Performance Indicators and Analysis of Operations Information	Replaces significant elements of 5480.26 (which is one of the original 51). Identified during 5/30/97 public meeting as an order to be added to original list of 51.
O225.1	Accident Investigations	Replaces significant elements of 5484.1 (which is one of the original 51). Identified during 5/30/97 public meeting as an order to be added to original list of 51.
O231.1	Environment, Safety, and Health Reporting	Replaces significant elements of 5400.1; 5400.2A; 5400.5; 5440.1E; 5480.3; 5480.26; 5483.1A; 5484.1; 5630.12A; and 5634.1B (which are among the original 51). Identified during 5/30/97 public meeting as an order to be added to original list of 51.
O232.1	Occurrence Reporting and Processing of Operational Information	Replaces significant elements of 5000.3B (which is one of the original 51). Identified during 5/30/97 public meeting as an order to be added to original list of 51.
O251.1	Directives System	New Order covering the new "Directives System." Identified during 5/30/97 public meeting as an order to be added to original list of 51.
O252.1	Technical Standards Program	Replaces significant elements of 1300.2A (which is one of the original 51). Issued since 5/30/97, but clearly belongs on the expanded list.
O360.1	Training	Replaces significant elements of 3410.1B (which was not on original list of 51); related to R93-3 and R93-5 issues).
O3790.1A	Federal Employee Occupational Safety and Health Program	Describes DOE OSHA-type Program.
O420.1	Facility Safety	Replaces significant elements of 5480.7A; 5480.24; 5480.28; and Division 13 of 6430.1A (which are among the original 51). Identified during 5/30/97 public meeting as an order to be added to original list of 51.
O425.1	Startup and Restart of Nuclear Facilities	Replaces significant elements of 5480.31 (which is one of the original 51). Identified during 5/30/97 public meeting as an order to be added to original list of 51.
O430.1	Life Cycle Asset Management	Replaces significant elements of 4330.4B; 4700.1; and 6430.1A (which are among the original 51); as well as 1332.1A; 4010.1A; 4300.1C; 4320.1B; 4320.4B; 4330.5; 4640.1C; 4700.3; 4700.4; and 5700.2D (none of which were on the original 51). Identified during 5/30/97 public meeting as an order to be added to original list of 51.
O440.1	Worker Protection Management for DOE Federal and Contractor Employees	Replaces significant elements of 5480.7A; 5480.8A; 5480.9A; 5480.10; and 5483.1A (which are among the original 51); as well as 3790.1B; and 5480.16A (neither of which were on original list of 51). Identified during 5/30/97 public meeting as an order to be added to original list of 51.

Table 3
Other Additions to
Original List of Orders of Interest to the Board

Order Number	Title	Basis for Board Interest
O451.1	National Environmental Policy Act Compliance Program	Replaces significant elements of 5440.1E (which is one of the original 51). Identified during 5/30/97 public meeting as an order to be added to original list of 51.
O452.1	Nuclear Explosive and Weapon Surety Program	Identified during 5/30/97 public meeting as an order to be added to original list of 51.
O452.2	Safety of Nuclear Explosive Operations	Identified during 5/30/97 public meeting as an order to be added to original list of 51.
O460.1A	Packaging and Transportation Safety	Updates 460.1, which was identified during 5/30/97 public meeting as an order to be added to original list of 51.
O460.2	Departmental Materials Transportation and Packaging Management	Replaces significant elements of 1540.2; and 1540.3A (which are among the original 51); as well as 1540.1A (which was not one of the original 51). Identified during 5/30/97 public meeting as an order to be added to original list of 51.