

Integrated Project Schedule
DOE 2010 Safety and Security Reform



November 30, 2010

Approved: _____

A handwritten signature in blue ink, appearing to read "S.A. Kirchhoff", written over a horizontal line.

Stephen A. Kirchhoff,
Project Manager
Office of Health, Safety and Security

Approved: _____

A handwritten signature in blue ink, appearing to read "W.A. Eckroade", written over a horizontal line.

William A. Eckroade,
Deputy Chief of Operations,
Office of Health, Safety and Security

Excerpt from the Project Management Plan, approved June 2010

Project Milestones: Major milestones and a schedule will be developed for each directive within the scope of this Project Management Plan. Changes to the top-level milestones listed in the Deputy Secretary's March 16, 2010 memo are expected based on the project controls that are described in this Project Management Plan. Where changes to the top-level project schedule are needed to permit performance of a thorough review and development of a quality product, responsible HSS managers will provide status information and requests for additional time to the Deputy Chief of Operations, HSS. The overall project schedule will be updated and distributed periodically as needed.

Based on past experience, the back-end of the process, addressing stakeholder comments and obtaining concurrence, is a significant organizational commitment, and will be critical in obtaining the desired reform outcomes. HSS will track all the major milestones identified above, through to ultimate approval and issuance of the desired changes. Field implementation of changes will be the responsibility of the line organizations.

Identification and management of interim project milestones are important to facilitate effective project execution, work planning and resource loading. A summary overview of the process for directive revisions under this project, showing key project controls, is provided in [PMP] Attachment 5, with a sample timeline for completing directive revisions provided in [PMP] Attachment 6. For each directive that will be revised, at least the following interim project milestones will be identified (except for those directives that have already completed some of these milestones):

- Provide draft Justification Memo to MA for approval of intent to revise.
- Provide draft for Red-team review.
- Provide draft directive revision to MA for release to DOE-wide review.
- Provide comment resolutions and concurrence draft directive to MA for release for concurrence review.
- Provide final draft directive and Approval Memo to MA for final processing.
- Obtain final DOE approval of revision.

HSS leaders for the various topical areas are responsible for identifying the necessary interim project milestones in their topical areas at this granularity to ensure the project can be closely and accurately managed to success. For example, where activities are planned to evaluate potential regulatory changes, appropriate interim milestones should be established consistent with Department's process and Administrative Policy Act requirements. Wherever activities essential to the success of this reform are identified, related interim project milestones should be established. In some cases, interim milestones may need to be established for decision-points following which further milestones can be established. A focused project plan will be used to define and manage project milestones for independent oversight reform activities that do not involve changes to requirements or directives.

Interim project milestones may be changed as the project proceeds, with the approval of the responsible HSS lead and the Deputy Chief of Operations, HSS.

Milestones - Worker Safety (HS-10)

WS	HS-10 Directives	1 - JM	2 - Red-Team	3 - Review	4 - Concur	5 - AM	6 - Complete
WS	DOE P 450.4, Safety Management System Policy (10/15/1996)	Complete (9/8/2010)	10/6/2010	11/30/2010	2/28/2011	4/15/2011	5/18/2011
WS	DOE P 411.1, Safety Management Functions, Responsibilities, and Authorities Policy (01/28/1997)	(See P 450.4, ISM Policy)					(5/18/2011)
WS	DOE P 441.1, DOE Radiological Health and Safety Policy (04/26/1996)	(See P 450.4, ISM Policy)					(5/18/2011)
WS	DOE P 450.2A, Identifying, Implementing and Complying with Environment, Safety and Health Requirements (05/15/1996)	(See P 450.4, ISM Policy)					(5/18/2011)
WS	DOE P 450.7, Environment, Safety and Health Goals (08/02/2004)	(See P 450.4, ISM Policy)					(5/18/2011)
WS	DOE P 226.1A, Department of Energy Oversight Policy (05/25/2007)	Complete (9/8/2010)	Complete (11/22/2010)	11/30/2010	2/28/2011	4/15/2011	5/18/2011
WS	DOE P 456.1, Secretarial Policy Statement on Nanoscale Safety (09/15/2005)	Recertify following DOE O 251.1C (Recertification memo to MA on 8/27/2010)					Complete (9/23/2010)
WS	DOE P 426.1, Federal Technical Capability Policy for Defense Nuclear Facilities (12/10/1998)	HS working to resolve ownership and path forward (with JM or Re-certification memo to MA by 12/15/2010).					1/15/2011
WS	DOE P 434.1, Conduct and Approval of Select Agent and Toxin Work at Department of Energy Sites (06/05/2009)	Recertify following DOE O 251.1C (Recertification memo to MA on 8/27/2010)					Complete (9/23/2010)
WS	DOE M 450.4-1, Integrated Safety Management System Manual (11/01/2006)	Complete (9/8/2010)	10/6/2010	11/30/2010	2/28/2011	4/15/2011	5/18/2011

Milestones - Worker Safety (HS-10)

WS	HS-10 Directives	1 - JM	2 - Red-Team	3 - Review	4 - Concur	5 - AM	6 - Complete
WS	DOE M 411.1-1C, Safety Management Functions, Responsibilities, and Authorities Manual (12/31/2003)	(See M 450.4-1, Integrated Safety Management System Manual)					
WS	DOE O 226.1A, Implementation of Department of Energy Oversight Policy (07/31/2007)	Complete (9/8/2010)	Complete (11/22/2010)	11/30/2010	2/28/2011	4/15/2011	5/18/2011
WS	DOE O 426.1, Federal Technical Capability (11/20/2009)	Recertify following DOE O 251.1C (Recertification memo to MA by 12/15/10); re-review in November 2013.					1/15/2011
WS	DOE M 440.1-1A, DOE Explosives Safety Manual (05/17/2007)	Complete (11/8/2010)	2/1/2011	4/11/2011	6/10/2011	7/11/2011	8/11/2011
WS	DOE O 440.1B, Worker Protection Program for DOE (Including the National Nuclear Security Administration) Federal Employees (05/17/2007)	1/15/2011	3/15/2011	5/13/2011	9/23/2011	11/2/2011	12/1/2011
WS	DOE N 456.1, The Safe Handling of Unbound Engineered Nanoparticles (01/05/2009)	Complete (10/6/2010)	Complete (11/12/2010)	1/4/2011	2/1/2011	3/1/2011	3/18/2011
WS	DOE G 440.1-1A, Worker Protection Program for DOE (including the National Nuclear Security Administration) Federal Employees (06/04/2007)	Complete (10/6/2010)	Complete (11/12/2010)	1/19/2011	4/22/2011	6/8/2011	7/12/2011
WS	DOE G 440.1-8, Implementation Guide for Use with 10 CFR Part 851, Worker Safety and Health Programs (12/27/2006)	(See G 440.1-1A, Worker Safety Guide)					(7/12/2011)
WS	DOE G 440.1-7A, Implementation Guide for use with 10 CFR Part 850, Chronic Beryllium Disease Prevention Program (01/04/2001)	Recertify following DOE O 251.1C (Recertification memo to MA on 8/27/2010); revision after Amendments promulgated.					Complete (9/23/2010)

Milestones - Worker Safety (HS-10)

WS	HS-10 Directives	1 - JM	2 - Red-Team	3 - Review	4 - Concur	5 - AM	6 - Complete	
WS	DOE G 441.1-1C, Radiation Protection Programs Guide for Use with Title 10 CFR Part 835, Occupational Radiation Protection (05/19/2008)	Recertify following DOE O 251.1C (Recertification memo to MA on 11/3/2010)						Complete (11/18/2010)
WS	DOE G 450.4-1B, Integrated Safety Management System Guide (Volumes 1 & 2) for use with Safety Management System Policies (DOE P 450.4, DOE P 450.5, and DOE P 450.6); The Functions, Responsibilities, and Authorities Manual; and the DOE Acquisition Regulation (03/01/2001)	Complete (10/6/2010)	12/18/2010	2/18/2011	5/22/2011	7/6/2011	8/10/2011	
WS	DOE G 440.1-2, Construction Safety Management Guide For Use With DOE Order 440.1 (06/26/1997)	Complete (3/10/2010)	N/A	Complete (3/29/2010)	Complete (4/22/2010)	10/31/2010	11/30/2010	
WS	DOE G 440.1-3, Occupational Exposure Assessment (03/30/1998)	Complete (3/10/2010)	N/A	Complete (3/29/2010)	Complete (4/22/2010)	10/31/2010	11/30/2010	
WS	DOE G 440.1-4, Contractor Occupational Medical Program Guide For Use With DOE Order 440.1 (06/26/1997)	Complete (3/10/2010)	N/A	Complete (3/29/2010)	Complete (4/22/2010)	10/31/2010	11/30/2010	
WS	DOE P 450.3, Authorizing Use of the Necessary and Sufficient Process for Standards-Based Environment, Safety and Health Management (01/25/1996)	Complete (7/28/2009)	N/A	Complete (4/12/2010)	Complete (5/3/2010)	12/31/2010	1/31/2011	
WS	DOE M 450.3-1, DOE Closure Process for Necessary and Sufficient Sets of Standards (01/25/1996)	Complete (7/28/2009)	N/A	Complete (4/12/2010)	Complete (5/3/2010)	12/31/2010	1/31/2011	
WS	DOE G 450.3-1, Documentation for Work Smart Standards Applications: Characteristics and Considerations (02/01/1997)	Complete (7/28/2009)	N/A	Complete (4/12/2010)	Complete (5/3/2010)	12/31/2010	1/31/2011	

Milestones - Worker Safety (HS-10)

WS	HS-10 Directives	1 - JM	2 - Red-Team	3 - Review	4 - Concur	5 - AM	6 - Complete
WS	DOE G 450.3-2, Attributes of Effective Implementation (02/01/1997)	Complete (7/28/2009)	N/A	Complete (4/12/2010)	Complete (5/3/2010)	12/31/2010	1/31/2011
WS	DOE G 450.3-3, Tailoring for Integrated Safety Management Applications (02/01/1997) - Note: residual will be rolled into ISM Guide	Complete (7/28/2009)	N/A	Complete (4/12/2010)	Complete (5/3/2010)	7/6/2011	8/10/2011

Milestones Key

- 1 - JM (to MA, signed by HS-1)
- 2 - Red-Team (to Red-Team for review)
- 3 - Review (to MA to initiate DOE-wide review)
- 4 - Concur (to MA to initiate DOE concurrence review)
- 5 - AM (with final draft, to MA, signed by HS-1)
- 6 - Complete (approved, issued)

Note: Based on 8/13/2010 approved milestones, with updates based on completed milestones, and milestone revisions based on approved JMs.

Milestones - Nuclear Safety (HS-21)

NS	HS-21 Directives, Standards, Rules	1 - JM	2 - Red-Team	3 - Review	4 - Concur	5 - AM	6 - Complete
NS	DOE P 420.1, Nuclear Safety Policy (was SEN-35-91, 09/09/1991)	Complete (4/8/2010)	Complete (6/1/2010)	Complete (7/29/2010)	Complete (10/7/2010)	11/10/2010	12/10/2010
NS	DOE P 410.1A, Promulgating Nuclear Safety Requirements (05/15/1996) - CANCELLED BY N 251.85 on 6/23/2010	Complete (3/9/2010)	N/A	Complete (3/29/2010)	Complete (4/22/2010)	Complete (6/2/2010)	Complete (6/23/2010)
NS	DOE O 252.1, Technical Standards Program (11/19/1999)	Complete (7/6/2010)	Complete (10/22/2010)	Complete (11/17/2010)	2/10/2011	3/10/2011	5/10/2011
NS	DOE G 252.1-1, Technical Standards Program Guide (11/19/1999)	(See O 252.1, Technical Standards Program)					(5/10/2011)
NS	DOE O 420.1B, Chg 1, Facility Safety (04/19/2010)	Complete (9/8/2010)	12/20/2010	3/30/2011	7/15/2011	8/15/2011	9/30/2011
NS	DOE O 425.1D, Verification of Readiness to Start Up or Restart Nuclear Facilities (04/16/2010)	Complete (12/18/2008)	Complete (5/5/2008)	Complete (3/10/2009)	Complete (9/17/2009)	Complete (3/26/2010)	Complete (4/16/2010)
NS	DOE O 426.2, Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities (04/21/2010)	Complete (9/10/2009)	Complete (10/23/2008)	Complete (10/8/2009)	Complete (3/1/2010)	Complete (3/26/2010)	Complete (4/21/2010)
NS	DOE O 433.1B, Maintenance Management Program for DOE Nuclear Facilities (04/21/2010)	Complete (7/31/2009)	Complete (10/21/2008)	Complete (8/20/2009)	Complete (12/1/2009)	Complete (3/26/2010)	Complete (4/21/2010)
NS	DOE O 422.1, Conduct of Operations Requirements for DOE Facilities (06/29/2010)	Complete (10/8/2009)	Complete (10/20/2008)	Complete (11/9/2009)	Complete (4/15/2010)	Complete (6/4/2010)	Complete (6/29/2010)
NS	DOE O 5480.30, Nuclear Reactor Safety Design Criteria (01/19/1993)	Recertify following DOE O 251.1C (Recertification memo to MA on 11/3/2010)					Complete (11/18/2010)

Milestones - Nuclear Safety (HS-21)

NS	HS-21 Directives, Standards, Rules	1 - JM	2 - Red-Team	3 - Review	4 - Concur	5 - AM	6 - Complete	
NS	DOE M 441.1-1, Nuclear Material Packaging Manual (03/07/2008)	Recertify following DOE O 251.1C (Recertification memo to MA on 11/3/2010)						Complete (11/18/2010)
NS	DOE G 420.1-1, Nonreactor Nuclear Safety Design Criteria and Explosive Safety Criteria Guide for use with DOE O 420.1 Facility Safety (03/28/2000)	Complete (9/8/2010)	12/20/2010	3/30/2011	7/15/2011	8/15/2011	9/30/2011	
NS	DOE G 420.1-2, Guide for the Mitigation of Natural Phenomena Hazards for DOE Nuclear Facilities and NonNuclear Facilities (03/28/2000)	Complete (9/8/2010)	12/20/2010	3/30/2011	7/15/2011	8/15/2011	9/30/2011	
NS	DOE G 420.1-3, Implementation Guide for DOE Fire Protection and Emergency Services Programs for Use with DOE O 420.1B, Facility Safety (09/27/2007)	Complete (9/8/2010)	12/20/2010	3/30/2011	7/15/2011	8/15/2011	9/30/2011	
NS	10 CFR 830, Nuclear Safety Management (1/10/2001)	N/A		4/30/2011 (to internal DOE review)		9/20/2011 (Fed Register)	3/31/2012 (Final FR)	
NS	DOE-STD-xxxx, Development and Use of Quantitative Risk Assessment in DOE Nuclear Safety Applications	12/31/2010	12/31/2010	2/28/2011	4/30/2011	5/30/2011	6/20/2011	
NS	DOE-STD-1066, Fire Protection Design Criteria	12/31/2010	1/30/2011	2/28/2011	5/10/2011	7/30/2011	8/20/2011	
NS	DOE-STD-1027, Hazard Categorization and Accident Analysis Techniques for Compliance with DOE Order 5480.23, Nuclear Safety Analysis Reports	12/31/2010	2/14/2011	4/15/2011	6/30/2011	7/16/2011	7/31/2011	
NS	DOE-STD-1104, Review and Approval of Nuclear Facility Safety Basis and Safety Design Basis Documents	12/31/2010	2/28/2011	4/30/2011	6/30/2011	8/30/2011	9/12/2011	

Milestones - Nuclear Safety (HS-21)

NS	HS-21 Directives, Standards, Rules	1 - JM	2 - Red-Team	3 - Review	4 - Concur	5 - AM	6 - Complete
NS	DOE-STD-1189, Integration of Safety into the Design Process	12/31/2010	2/28/2011	4/15/2011	7/30/2011	8/30/2011	9/15/2011
NS	DOE-STD-3009, Preparation Guide for U.S. Department of Energy Nonreactor Nuclear Facility Safety Analysis	12/31/2010	2/28/2011	4/15/2011	7/30/2011	8/30/2011	9/15/2011
NS	DOE G 421.1-1, DOE Criticality Safety Good Practices Program Guide for DOE Nonreactor Nuclear Facilities (8/25/1999) - CANCELLED BY N 251.93 on 11/19/2010	Complete (9/8/2010)	Complete (9/8/2010)	Complete 9/23/2010	Complete 11/4/2010	Complete (11/18/2010)	Complete (11/19/2010)
NS	DOE G 421.1-2, Implementation Guide For Use in Developing Documented Safety Analyses To Meet Subpart B Of 10 CFR 830 (10/24/2001)	2/15/2011	3/15/2011	5/13/2011	9/15/2011	11/2/2011	12/1/2011
NS	DOE G 423.1-1A, Implementation Guide For Use In Developing Technical Safety Requirements (11/3/2010)	Complete (3/11/2010)	Complete	Complete (4/21/2010)	Complete (7/20/2010)	Complete (10/20/2010)	Complete (11/3/2010)
NS	DOE G 424.1-1B, Implementation Guide for Use in Addressing Unreviewed Safety Question Requirements (4/08/2010)	Complete	Complete	Complete	Complete	Complete	Complete (4/8/2010)
NS	DOE G 433.1-1, Nuclear Facility Maintenance Management Program Guide for Use with DOE O 433.1 (09/05/2001)	Complete (11/3/2010)	1/7/2011	2/18/2011	6/17/2011	7/29/2011	8/31/2011
NS	DOE M 442.1-1, Differing Professional Opinions Manual for Technical Issues (11/16/2006)	Complete (11/3/2010)	3/15/2011	5/13/2011	9/15/2011	11/2/2011	12/1/2011
NS	DOE P 442.1, Differing Professional Opinions on Technical Issues (11/16/2006)	(See M 442.1-1, DPO Manual)					(12/1/2011)

Milestones - Nuclear Safety (HS-21)

NS	HS-21 Directives, Standards, Rules	1 - JM	2 - Red-Team	3 - Review	4 - Concur	5 - AM	6 - Complete
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Milestones Key

- 1 - JM (to MA, signed by HS-1)
- 2 - Red-Team (to Red-Team for review)
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- 5 - AM (with final draft, to MA, signed by HS-1)
- 6 - Complete (approved, issued)

Note: Based on 8/13/2010 approved milestones, with updates based on completed milestones, milestone revisions based on approved JMs, updates on the schedules for standards and rule (per HS-20 input on 11/17/2010), and changes to the 420 directives based on schedules for developing the related standards.

Milestones - Environmental (HS-22)

EP	HS-22 Directives	1 - JM	2 - Red-Team	3 - Review	4 - Concur	5 - AM	6 - Complete
EP	DOE O 436.1, Environmental Sustainability (was DOE O 450.1A, 06/04/2008)	Complete (7/27/2010)	9/17/2010	12/31/2010	5/3/2011	6/30/2011	8/10/2011
EP	DOE O 458.1, Radiation Protection of the Public and the Environment (was DOE O 5400.5, 01/07/1993)	Complete (2009)	Complete	Complete (2009)	Complete (6/25/2010)	8/30/2010	9/30/2010
EP	DOE G 450.1-1A, Implementation Guide for Use with DOE O 450.1, Environmental Protection Program (10/24/2005)	Complete (3/9/2010)	Complete	Complete (3/29/2010)	Complete (4/22/2010)	10/31/2010	11/30/2010
EP	DOE G 450.1-2, Implementation Guide for Integrating Environmental Management Systems into Integrated Safety Management Systems (08/20/2004)	Complete (3/9/2010)	Complete	Complete (3/29/2010)	Complete (4/22/2010)	10/31/2010	11/30/2010
EP	DOE G 450.1-3, Environmental Guidelines for Development of Cultural Resource Management Plans--Update (09/22/2004) - CANCELLED BY N 251.82 on 06/04/2010	Complete (3/9/2010)	N/A	Complete (3/29/2010)	Complete (4/22/2010)	Complete (6/2/2010)	Complete (6/4/2010)
EP	DOE G 450.1-4, Implementation Guide, Wildland Fire Management Program for Use with DOE O 450.1, Environmental Protection Program (02/11/2004) - CANCELLED BY N 251.82 on 06/04/2010	Complete (3/9/2010)	N/A	Complete (3/29/2010)	Complete (4/22/2010)	Complete (6/2/2010)	Complete (6/4/2010)
EP	DOE G 450.1-5, Implementation Guide for Integrating Pollution Prevention into Environmental Management Systems (05/27/2005) - CANCELLED BY N 251.82 on 06/04/2010	Complete (3/9/2010)	N/A	Complete (3/29/2010)	Complete (4/22/2010)	Complete (6/2/2010)	Complete (6/4/2010)

Milestones - Environmental (HS-22)

EP	HS-22 Directives	1 - JM	2 - Red-Team	3 - Review	4 - Concur	5 - AM	6 - Complete
EP	DOE G 450.1-6, Ground Water Surveillance Monitoring Implementation Guide for Use with DOE O 450.1, Environmental Protection Program (06/24/2004) - CANCELLED BY N 251.82 on 06/04/2010	Complete (3/9/2010)	N/A	Complete (3/29/2010)	Complete (4/22/2010)	Complete (6/2/2010)	Complete (6/4/2010)
EP	DOE G 450.1-9, Ground Water Protection Programs Implementation Guide for Use with DOE O 450.1, Environmental Protection Program (05/05/2005) - CANCELLED BY N 251.82 on 06/04/2010	Complete (3/9/2010)	N/A	Complete (3/29/2010)	Complete (4/22/2010)	Complete (6/2/2010)	Complete (6/4/2010)
EP	DOE G 450.1-10, Senior Manager Implementation Guide for Use with DOE O 450.1, Environmental Protection Program (10/25/2004) - CANCELLED BY N 251.82 on 06/04/2010	Complete (3/12/2010)	N/A	Complete (3/29/2010)	Complete (4/22/2010)	Complete (6/2/2010)	Complete (6/4/2010)
EP	DOE G 454.1-1, Institutional Controls Implementation Guide for Use with DOE P 454.1, Use of Institutional Controls (10/14/2005)	Complete (3/12/2010)	N/A	Complete (3/29/2010)	Complete (4/22/2010)	9/30/2011	10/15/2011
EP	DOE-HDBK to replace Guide 454.1-1	2/28/2011	3/25/2011	5/13/2011	8/30/2011	9/30/2011	10/15/2011
EP	DOE P 141.1, Department of Energy Management of Cultural Resources (05/02/2001)	Recertify following DOE O 251.1C (Recertification memo to MA by 12/31/2010).					(1/31/2011)
EP	DOE P 454.1, Use of Institutional Controls (04/09/2003)	Recertify following DOE O 251.1C (Recertification memo to MA by 12/31/2010).					(1/31/2011)

Milestones - Environmental (HS-22)

EP	HS-22 Directives	1 - JM	2 - Red-Team	3 - Review	4 - Concur	5 - AM	6 - Complete
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Milestones Key

- 1 - JM (to MA, signed by HS-1)
- 2 - Red-Team (to Red-Team for review)
- 3 - Review (to MA to initiate DOE-wide review)
- 4 - Concur (to MA to initiate DOE concurrence review)
- 5 - AM (with final draft, to MA, signed by HS-1)
- 6 - Complete (approved, issued)

Note: Based on 8/13/2010 approved milestones, with updates based on completed milestones, and milestone revisions based on approved JMs. Also includes path forward on environmental policies and institutional controls guide (per HS-20 input on 11/17/2010).

Milestones - Quality Assurance (HS-23)

QA	HS-23 Directives	1 - JM	2 - Red-Team	3 - Review	4 - Concur	5 - AM	6 - Complete
QA	DOE O 414.1C, Quality Assurance (06/17/2005)	Complete (10/6/2010)	Complete (11/24/2010)	12/12/2010	2/12/2011	3/12/2011	4/12/2011
QA	DOE G 414.1-1B, Management and Independent Assessments Guide for Use with 10 CFR Part 830, Subpart A, and DOE O 414.1C, Quality Assurance; DOE M 450.4-1, Integrated Safety Management System Manual; and DOE O 226.1A, Implementation of Department of Energy Oversight Policy (09/27/2007)	Recertify following DOE O 251.1C (Recertification memo to MA on 11/3/2010)					Complete (11/18/2010)
QA	DOE G 414.1-2A, Quality Assurance Management System Guide for Use with 10 CFR 830 Subpart A, Quality Assurance Requirements, and DOE O 414.1C, Quality Assurance (06/17/2005)	Complete (10/6/2010)	10/30/2010	12/12/2010	2/12/2011	3/12/2011	4/12/2011
QA	DOE G 414.1-3, Suspect/Counterfeit Items Guide for Use with 10 CFR 830 Subpart A, Quality Assurance Requirements, and DOE O 414.1B, Quality Assurance (11/03/2004)	(See G 414.1-2A, QA Management Systems Guide)					(4/12/2011)
QA	DOE G 414.1-4, Safety Software Guide for Use with 10 CFR 830, Subpart A, Quality Assurance Requirements, and DOE O 414.1C, Quality Assurance (06/17/2005)	Recertify following DOE O 251.1C (Recertification memo to MA on 10/20/2010)					Complete (11/4/2010)
QA	DOE G 414.1-5, Corrective Action Program Guide (03/02/2006)	(See G 414.1-2A, QA Management Systems Guide)					(4/12/2011)

Milestones Key

- 1 - JM (to MA, signed by HS-1)
- 2 - Red-Team (to Red-Team for review)
- 3 - Review (to MA to initiate DOE-wide review)
- 4 - Concur (to MA to initiate DOE concurrence review)
- 5 - AM (with final draft, to MA, signed by HS-1)
- 6 - Complete (approved, issued)

Note: Based on 8/13/2010 approved milestones, with updates based on completed milestones, and milestone revisions based on approved JMs.

Milestones - Operational Awareness (HS-30)

OA	HS-30 Directives	1 - JM	2 - Red-Team	3 - Review	4 - Concur	5 - AM	6 - Complete
OA	DOE O 210.2, DOE Corporate Operating Experience Program (6/12/2006)	Complete (4/22/2010)	Complete (9/15/2010)	10/15/2010	1/20/2011	3/5/2011	4/7/2011
OA	DOE O 225.1A, Accident Investigations (11/26/1997)	Complete (6/3/2010)	Complete (8/31/2010)	Complete (11/19/2010)	1/20/2011	3/5/2011	4/7/2011
OA	DOE G 225.1A-1, Implementation Guide for use with DOE O 225.1 Accident Investigations (11/26/1997)	(See as O 225.1A)					(4/7/2011)
OA	DOE Technical Standards Handbook on Accident Investigations (New)	Complete (10/29/2010)	3/31/2011	5/13/2011	8/18/2011	9/16/2011	9/16/2011
OA	DOE O 231.1A Chg 1, Environment, Safety and Health Reporting (6/3/2004)	Complete (6/30/2010)	11/19/2010	1/18/2011	4/25/2011	6/8/2011	7/11/2011
OA	DOE M 231.1-1A Chg 2, Environment, Safety and Health Reporting Manual (3/19/2004)	(See O 231.1A)					(7/11/2011)
OA	DOE N 234.1, Reporting of Radioactive Sealed Sources (2/27/2003)	(See O 231.1A) - path forward may be re-visited					(7/11/2011)
OA	DOE M 231.1-2, Occurrence Reporting and Processing of Operations Information (8/19/2003)	Complete (6/30/2010)	11/19/2010	1/18/2011	4/25/2011	6/8/2011	7/11/2011
OA	DOE G 231.1-1, Occurrence Reporting and Performance Analysis Guide (8/20/2003)	(See as M 231.1-2)					(7/11/2011)
OA	DOE G 231.1-2, Occurrence Reporting Causal Analysis Guide (8/20/2003)	(See as M 231.1-2)					(7/11/2011)
OA	DOE Technical Standards Handbook on Causal Analysis (New)	Complete (11/5/2010)	11/19/2010	2/10/2011	4/25/2011	6/8/2011	7/11/2011
OA	DOE M 140.1-1B, Interface with the Defense Nuclear Facilities Safety Board (3/30/2001)	Complete (11/18/2010)	Complete (2009)	2/1/2011	5/15/2011	7/1/2011	8/5/2011

Milestones - Operational Awareness (HS-30)

OA	HS-30 Directives	1 - JM	2 - Red-Team	3 - Review	4 - Concur	5 - AM	6 - Complete
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Milestones Key

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Note: Based on 8/13/2010 approved milestones, with updates based on completed milestones, and milestone revisions based on approved JMs.

Milestones - Oversight and Enforcement (HS-60)

O&E	HS-60 Directives	1 - JM	2 - Red-Team	3 - Review	4 - Concur	5 - AM	6 - Complete
O&E	DOE O 470.2B, Independent Oversight and Performance Assurance Program (10/31/2002)	Complete (4/20/2010)	Complete (11/23/2010)	12/31/2010	4/6/2011	5/19/2011	6/21/2011

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Milestones - Security (HS-70)

Sec	HS-70 Directives	1 - JM	2 - Red-Team	3 - Review	4 - Concur	5 - AM	6 - Complete
Sec	DOE P 470.1, Integrated Safeguards and Security Management Policy (5/8/2001)	Complete (4/5/2010)	Complete (7/23/2010)	Complete (10/6/2010)	Complete (10/19/2010)	10/14/2010	11/13/2010
Sec	DOE O 470.4A, Safeguards and Security Program (5/25/2007)	Complete (6/9/2010)	9/27/2010	11/26/2010	3/3/2011	4/7/2011	5/12/2011
Sec	DOE M 470.4-1, Safeguards and Security Program Planning and Management (8/26/2005)	(See O 470.4A, Program Management)					(5/12/2011)
Sec	DOE O 142.1, Classified Visits Involving Foreign Nationals (1/13/2004)	(See O 470.4A, Program Management)					(5/12/2011)
Sec	DOE O 470.3B, Graded Security Protection Policy (8/12/2008)	(See O 470.4A, Program Management)					(5/12/2011)
Sec	DOE O 472.2, Personnel Security (was DOE M 470.4-5, 8/26/2005)	Complete (7/28/2010)	Complete (8/31/2010)	Complete (11/5/2010)	1/18/2011	2/18/2011	3/18/2011
Sec	DOE N 470.4, Reciprocal Recognition of Existing Personnel Security Clearances/Access Authorizations (1/9/2009)	(See M 470.4-5, Personnel Security)					(3/18/2011)
Sec	DOE N 470.5, Implementation of Section 1072 of the National Defense Authorization Act for Fiscal Year 2008 (8/12/2009)	(See M 470.4-5, Personnel Security)					(3/18/2011)
Sec	DOE N 206.4, Personal Identity Verification (6/29/2007)	(See M 470.4-5, Personnel Security)					(3/18/2011)
Sec	DOE O 471.5, Special Access Programs (was DOE M 471.2-3, 7/11/2002)	Complete (5/4/2009)	Complete (7/2/2010)	Complete (11/30/2010)	9/30/2010	10/29/2010	11/30/2010
Sec	DOE M 470.4-6, Nuclear Material Control and Accountability (8/26/2005)	Complete (4/9/2010)	Complete (6/1/2010)	Complete (10/5/2010)	12/9/2010	1/13/2011	2/24/2011
Sec	DOE M 470.4-4A, Information Security Manual (1/16/2009)	Complete (8/10/2010)	Complete (10/29/2010)	12/4/2010	3/11/2011	4/15/2011	5/27/2011

Milestones - Security (HS-70)

Sec	HS-70 Directives	1 - JM	2 - Red-Team	3 - Review	4 - Concur	5 - AM	6 - Complete
Sec	DOE M 470.4-2A, Physical Protection (7/23/2009)	Complete (11/3/2010)	10/13/2010	12/12/2010	3/19/2011	4/23/2011	6/4/2011
Sec	DOE M 470.4-3A, Contractor Protective Force (11/5/2008)	(See M 470.4-2, Physical Protection)					(6/4/2011)
Sec	DOE M 470.4-8, Federal Protective Force (7/15/2009)	(See M 470.4-2, Physical Protection)					(6/4/2011)
Sec	DOE O 142.3, Unclassified Foreign Visits and Assignments (10/14/2010)	Complete (4/20/2010)	N/A	Complete (5/5/2010)	Complete (7/15/2010)	Complete (9/22/2010)	Complete (10/14/2010)
Sec	DOE M 470.4-7, Safeguards and Security Program References - CANCELLED BY N 251.84 on 06/23/2010	Complete (3/12/2010)	N/A	Complete (3/29/2010)	Complete (4/22/2010)	Complete (6/2/2010)	Complete (6/23/2010)
Sec	DOE G 226.1-1, Safeguards and Security Oversight and Assessments Implementation Guide - CANCELLED BY N 251.80 on 06/04/2010	Complete (3/12/2010)	N/A	Complete (3/29/2010)	Complete (4/22/2010)	Complete (6/2/2010)	Complete (6/4/2010)
Sec	DOE G 470.4-1, Asset Protection Analysis Guide - CANCELLED BY N 251.80 on 06/04/2010	Complete (3/12/2010)	N/A	Complete (3/29/2010)	Complete (4/22/2010)	Complete (6/2/2010)	Complete (6/4/2010)
Sec	DOE G 473.2-1, Guide for Establishment of a Contingency Protective Force - CANCELLED BY N 251.80 on 06/04/2010	Complete (3/12/2010)	N/A	Complete (3/29/2010)	Complete (4/22/2010)	Complete (6/2/2010)	Complete (6/4/2010)

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Milestones - Classification (HS-90)

C	HS-90 Directives	1 - JM	2 - Red-Team	3 - Review	4 - Concur	5 - AM	6 - Complete
C	DOE O 471.1B, Identification and Protection of Unclassified Controlled Nuclear Information (3/1/2010)	Complete (9/25/2009)	N/A	Complete (3/6/2009)	Complete (5/29/2009)	Complete (2/2/2010)	Complete (3/1/2010)
C	DOE M 471.1-1, Identification and Protection of Unclassified Controlled Nuclear Information Manual - CANCELLED by O 471.1B on 03/01/2010	Complete (9/25/2009)	N/A	Complete (3/6/2009)	Complete (5/29/2009)	Complete (2/2/2010)	Complete (3/1/2010)
C	DOE G 471.3-1, Guide to Identifying Official Use Only Information - CANCELLED by N 251.81 on 06/04/2010	Complete (3/10/2010)	N/A	Complete (3/29/2010)	Complete (4/22/2010)	Complete (6/2/2010)	Complete (6/4/2010)
C	DOE O 471.3, Identifying and Protecting Official Use Only Information (4/9/2003)	Recertify following DOE O 251.1C (Recertification memo to MA on 10/1/2010)					Complete (10/21/2010)
C	DOE M 471.3-1, Manual for Identifying and Protecting Official Use Only Information (4/9/2003)	Recertify following DOE O 251.1C (Recertification memo to MA on 10/1/2010)					Complete (10/21/2010)
C	DOE O 475.2, Identifying Classified Information (8/28/2007)	Complete (6/16/2010)	Complete 8/9/2010	Complete (9/3/2010)	10/26/2010	11/16/2010	12/27/2010
C	DOE M 475.1-1B, Manual for Identifying Classified Information (8/28/2007)	(See O 475.2)					(12/27/2010)

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