
DOE O 210.2 DOE Corporate Operating Experience Program

	Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
1	1	<u>OBJECTIVES</u>	No change.		Remains valid.	Retained.	
2	1a	To institute a Department of Energy (DOE) wide program for the management of operating experience to prevent adverse operating incidents and to expand the sharing of good work practices among DOE sites.	To institute a Department of Energy (DOE) wide program for the management of operating experience to prevent adverse operating incidents and to facilitate the sharing of good work practices among DOE sites, while enabling tailored local operating experience programs based on the nature of work, hazards, and organizational complexities. Operating experiences can be found in all disciplines.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states "The need for an effective comprehensive operating experience program is one of the key lessons from both the Columbia and the Davis-Besse events. ...the Department will enhance its comprehensive operating experience program...."	Clarifying language.	Modified	
3	1b	To provide the systematic review, identification, collection, screening, evaluation, and dissemination of operating experience from U.S. and foreign government agencies and industry, professional societies, trade associations, national academies, universities, and DOE	No change.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will, " <ul style="list-style-type: none"> • Identify and review internal occurrences, accidents, and other events of interest • <input type="checkbox"/> Identify and review external events of interest 	Remains valid.	Retained.	

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	and its contractors.		<ul style="list-style-type: none"> Promote general awareness of operating experiences through various regular communications vehicles.” 			
4 1c	To reinforce the core functions and guiding principles of DOE’s Integrated Safety Management System (ISMS) to enhance mission safety and reliability.	To define the DOE Corporate Operating Experience Program so that it can be integrated into major management programs—reinforcing the core functions and guiding principles of DOE’s Integrated Safety Management System (ISMS)—and enhance mission accomplishment, quality assurance, safety and reliability.	Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department’s comprehensive operating experience program will be “clearly focused on improving consistency and completeness of implementation of ISM Core Function #5 – Feedback and Improvement.”	Clarifying language.	Modified	
5 1d	To provide mutual integration with the lessons learned requirements in other DOE directives.	Deleted.		All references to other DOE directives regarding lessons learned have been deleted from the Order; therefore no words on integration are required in this Order.	Deleted.	
6 2	<u>CANCELLATION</u> None.	<u>CANCELLATION.</u> DOE O 210.2, <i>DOE Corporate Operating</i>	Since the revised Order cancels the initial Order,	Updated to cancel the original Order.	Modified.	

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		<p><i>Experience Program</i>, dated 6-12-06.</p> <p>Cancellation of a directive does not, by itself, modify or otherwise affect any contractual or regulatory obligation to comply with the directive.</p> <p>Contractor Requirements Documents (CRDs) that have been incorporated into a contract remain in effect throughout the term of the contract unless and until the contract or regulatory commitment is modified to either eliminate requirements that are no longer applicable or substitute a new set of requirements.</p>	the text must state it..			
7 3	<u>APPLICABILITY</u>	No change.	Not applicable.	Remains valid.	Retained.	
8 3a	<u>Departmental Elements.</u> Except for exclusions in paragraph 3c, this Order applies to all Departmental elements (Attachment 1 or online at	<u>Departmental Applicability.</u> Except for the exemptions in paragraph 3c, the provisions of this Order apply to all	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states "The need for an effective comprehensive	Intent remains the same; language changes to reflect current DOE acceptable terms.	Modified..	

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	<p>www.directives.doe.gov) and automatically applies to Departmental elements created after it is issued.</p> <p>The National Nuclear Security Administration (NNSA) Administrator will assure that NNSA employees and contractors comply with their respective responsibilities under this Order.</p>	<p>Departmental elements.</p> <p>The National Nuclear Security Administration (NNSA) Administrator will ensure that NNSA employees comply with their respective responsibilities under this Order. Nothing in this directive will be construed to interfere with the NNSA Administrator's authority under section 3212(d) of Public Law (P.L.) 106-65 to establish Administration-specific policies, unless disapproved by the Secretary.</p>	<p>operating experience program is one of the key lessons from both the Columbia and the Davis-Besse events.the Department will enhance its comprehensive operating experience program....”</p>			
9	3b	<u>DOE Contractors</u>	No change		Remains valid.	Retained.
10	3b(1)	Except for the exclusions in paragraph 3c, the Contractor Requirements Document (CRD), Attachment 2, sets forth requirements of this order that will apply to	Except for the equivalencies/exemptions in paragraph 3c, the Contractor Requirements Document (CRD), Attachment 1, sets forth requirements of this Order that will apply to contracts	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states “The need for an effective comprehensive operating experience	Intent remains the same; language changes to reflect current DOE acceptable terms.	Modified.

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	contracts that include the CRD.	that include the CRD.	program is one of the key lessons from both the Columbia and the Davis-Besse events.the Department will enhance its comprehensive operating experience program....”			
11 3b(2)	<p>The CRD must be included in contracts for management or operation of a DOE site or facility with activities that should be covered by DOE’s operating experience program.</p> <p>The office identified in the Responsibilities paragraph is responsible for notifying the contracting officer of which contracts are affected. Once notified, the contracting officer is responsible for incorporating the CRD into each affected contract.</p>	The CRD must be included in contracts for the operation, management, maintenance, construction, demolition, or remediation of a DOE facility.	Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states “The need for an effective comprehensive operating experience program is one of the key lessons from both the Columbia and the Davis-Besse events.the Department will enhance its comprehensive operating experience program....”	Intent remains the same; language changes.	Modified.	
12 3c	<u>Exclusions</u>	<u>Equivalencies/Exemptions</u>		Not a requirement but applicability. Language was updated	Modified	

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
13 3c(1)	This Order does not apply to activities conducted under the authority of the Director, Naval Nuclear Propulsion Program, as assigned by Executive Order 12344.	<u>Equivalency.</u> In accordance with the responsibilities and authorities assigned by Executive Order 12344, codified at Title 50 United States Code (USC) sections 2406 and 2511 and to ensure consistency through the joint Navy/DOE Naval Nuclear Propulsion Program, the Deputy Administrator for Naval Reactors (Director) will implement and oversee requirements and practices pertaining to this Directive for activities under the Director's cognizance, as deemed appropriate.	Public Law (Executive Order 12344)	to new template language. The scope of this Order is applicable to all DOE work. Language was updated to new template language. MA template language.	Modified.	
14 3c(2)	Consistent with Secretarial Delegation Order Number 00-033.00A to the Administrator and Chief Executive Officer, Bonneville Power Administration, (BPA) this Order does not apply to BPA.	<u>Exemption.</u> Consistent with Secretarial Delegation Order Number 00-033.00A to the Administrator and Chief Executive Officer, Bonneville Power Administration (BPA), this Order does not	Secretarial Delegation Order Number 00-033.00A	Added the word Exemption.	Modified.	

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
		apply to BPA.				
15 3c(3)	<p>This Order does not apply to the following Secretarial Offices:</p> <ul style="list-style-type: none"> (a) Departmental Representative to the Defense Nuclear Facilities Safety Board, (b) Energy Information Administration, (c) Office of the Chief Financial Officer, (d) Office of the Chief Information Officer, (e) Office of Congressional and Intergovernmental Affairs, (f) Office of Economic Impact and Diversity, (g) Office of Electricity Delivery and Energy Reliability, (h) Office of General Counsel, (i) Office of Hearings and Appeals, (j) Office of Human Capital 	Deleted the exemptions.	None	Deleted the exemptions.	Deleted.	

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16 4	<p>Management, (k) Office of the Inspector General, (l) Office of Intelligence and Counterintelligence, (m) Office of Management, (n) Office of Policy and International Affairs, and (o) Office of Public Affairs.</p> <p>REQUIREMENTS DOE managers and employees are expected to learn from experience (internal and external) in order to prevent adverse operating incidents and to expand the sharing of good work practices. A generalized approach to accomplishing this objective is depicted in Attachment 3.</p>	<p>REQUIREMENTS. In order to prevent adverse operating incidents, DOE managers and employees are expected to share and use good practices and lessons learned from operating experience.</p>	<p>Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i>, issued in December 2004, states that the Department's comprehensive operating experience program will, “</p> <ul style="list-style-type: none"> • Identify and review internal occurrences, accidents, and other events of interest • <input type="checkbox"/> Identify and review external events of interest • Promote general awareness of operating experiences through various regular communications vehicles.” 	<p>Some of the text was modified and the generalized approach depicted in Attachment 3 was deleted, since it was not a requirement.</p>	<p>Modified.</p>	

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17 4a	The DOE Corporate Operating Experience Program has the following requirements.	4c No change.	Commitment #18 in Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004 commits to developing a comprehensive DOE Operating Experience Program.	Remains valid.	Retained.	
18 4a(1)	A formal process must be established to evaluate operating experience from DOE and related government or industry programs, technologies and facilities.	4c(1) A formal process must be established to evaluate operating experience from DOE and related government or industry programs, technologies and facilities. Internal sources of operating experience are the DOE Corporate Operating Experience Program documents from DOE contractors and DOE Headquarters and Field Elements (see Appendix A). External sources of operating experience, as applicable, are U.S. and foreign industry; other Federal agencies such as the Chemical Safety and Hazard Investigation	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will be "clearly focused on improving consistency and completeness of implementation of ISM Core Function #5 – Feedback and Improvement."	Reincorporated a listing of sources of operating experience information.	Modified.	

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
19 4a(2)	Sources of internal and external operating experience must be used to assess trends and safety issues that may have a bearing on the safety and success of DOE missions. Sources include—	Board (CSB), National Transportation Safety Board (NTSB), National Aeronautics and Space Administration (NASA); the Nuclear Regulatory Commission (NRC), and the Environmental Protection Agency (EPA); foreign government and foreign industry experience; and international agencies involved with energy issues such as the International Energy Agency and the International Atomic Energy Agency. This requirement may be satisfied by regular participation in the review of external events conducted by the Operating Experience Committee (OEC).	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will, “ • Identify and review	Combined old 4a(2), old 4a(4), old 4d, old 4e, old 4f, old 4h, and old 4i, and made some other changes, to strengthen the requirement.	Modified.	

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
		significant issues and lessons learned that may be of safety significance or have a bearing on the success of DOE missions and to make them available to the DOE complex.	<p>internal occurrences, accidents, and other events of interest</p> <ul style="list-style-type: none"> • <input type="checkbox"/> Identify and review external events of interest • Promote general awareness of operating experiences through various regular communications vehicles • Require action on the part of line management in response to certain occurrences; action may include review, analysis, identification and implementation of corrective actions. <p>Depending on the severity of the operating experience, actions will be taken at the local level, and subject to later reporting, verification and oversight.</p>			
20	4a(2)(a) DOE contractors;	Moved into 4.c(1).		Merged specific source references into 4.c(1). Individual organizations are providing operating experience data to the central clearing house managed by the Operating Experience	Merged.	

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
				Committee.		
21	4a(2)(b) DOE programs and site offices, including the Naval Reactors Program;	Moved into 4.c(1).		Merged specific source references into 4.c(1). Individual organizations are providing operating experience data to the central clearing house managed by the Operating Experience Committee.	Merged.	
22	4a(2)(c) U.S. industry, professional societies, trade associations, national academies, and universities;	Moved into 4.c(1).		Merged specific source references into 4.c(1). Individual organizations are providing operating experience data to the central clearing house managed by the Operating Experience Committee.	Merged.	
23	4a(2)(d) other Federal agencies [e.g., the Chemical Safety and Hazard Investigation Board (CSB), National Transportation Safety Board (NTSB), National Aeronautics and Space Administration (NASA); Nuclear Regulatory Commission (NRC),	Moved into 4.c(1).		Merged specific source references into 4.c(1). Individual organizations are providing operating experience data to the central clearing house managed by the Operating Experience Committee.	Merged.	

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24	4a(2)(e) Environmental Protection Agency (EPA), etc.]; foreign government and foreign industry experience; and	Moved into 4.c(1).			Merged.	
25	4a(2)(f) international agencies involved with energy issues [e.g., the International Energy Agency (IEA) and the International Atomic Energy Agency (IAEA)].	Moved into 4.c(1).			Merged.	
26	4a(3) Operating experience must be collected, stored, and retrieved through a central clearinghouse that allows ready access to and communication about collected information on a timely, unimpeded basis by all DOE	4c(3) Operating experience must be centrally collected, stored, and retrieved to allow ready access to and communication of collected information on a timely, unimpeded basis by all DOE elements. The DOE Corporate Operating Experience Program Lead	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will, " • Identify and review internal occurrences, accidents, and other events	Intent remains the same; language changes.	Modified.	

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	elements. The Corporate Operating Experience Program Lead Office, who is responsible for operating the clearinghouse, must—	Office, which is responsible for operating this collection of information, must:	of interest <ul style="list-style-type: none"> • Maintain a searchable lessons learned database.” 			
27	4a(3)(a) ensure that operating experience data are sufficiently comprehensive and of sufficient quality to meet DOE needs and	4c(3)(a) Ensure that operating experience is sufficiently comprehensive and of sufficient quality to meet DOE needs.	Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department’s comprehensive operating experience program will, “Provide briefings and training sessions to promote general awareness and valuing of operating experience, and to promote understanding and actions on specific high-profile operating events.”	Intent remains the same; language changes.	Modified.	
28	4a(3)(b) develop, promulgate, and maintain support systems needed to implement and sustain an effective operating experience program, including—	4c(3)(b) Develop, promulgate, and maintain support systems needed to implement and sustain an effective OE program.	Same as above.	Updated the text since the references that followed were deleted.	Modified.	
29	4a(3)(b) 1 the computerized data systems for	Deleted.		Since the general statement should be	Deleted.	

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	environment, safety and health reporting required by DOE O 231.1A, <i>Environment, Safety and Health Reporting</i> , dated 6-3-04,			sufficient, deleted the specific reference to specific systems.		
30	4a(3)(b) 2	the computerized DOE Corporate Lessons Learned Database and related operating experience web pages, and	Deleted.		Since the general statement should be sufficient, deleted the specific reference to specific systems.	Deleted.
31	4a(3)(b) 3	operating experience analytic tools.	Deleted.		Since the general statement should be sufficient, deleted the specific reference to specific systems.	Deleted.
32	4a(4)	Operating experience must be screened daily by each organization's operating experience program, in particular the designated Corporate Operating Experience Program Lead Office, for safety significance, generic technical implications or management considerations. When data suggests a significant near-term safety risk or	4c(2) Each organization's OE program, in particular the designated DOE Corporate Operating Experience Program Lead Office, must routinely screen and assess internal and external operating experience to identify significant issues and lessons learned that may be of safety significance or have a bearing on the success of DOE missions and to make them available to the DOE	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will, " <ul style="list-style-type: none"> • Identify and review internal occurrences, accidents, and other events of interest • <input type="checkbox"/> Identify and review external events of interest • Promote general 	Combined old 4a(2), old 4a(4), old 4d, old 4e, old 4f, old 4h, and old 4i, and made some other changes, to strengthen the requirement.	Modified.

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	vulnerability, those issues must be prioritized, communicated, and resolved.	complex.	<p>awareness of operating experiences through various regular communications vehicles</p> <ul style="list-style-type: none"> • Require action on the part of line management in response to certain occurrences; action may include review, analysis, identification and implementation of corrective actions. <p>Depending on the severity of the operating experience, actions will be taken at the local level, and subject to later reporting, verification and oversight.</p>			
33	4a(4)(a)	Deleted.		The general requirements (the “what”) should be sufficient to design a comprehensive operating experience program, so the specific requirements (the “how”) were deleted.	Deleted.	

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	evaluate the operating experience to determine any significant and emerging programmatic (mission related) issues.					
34	4a(4)(b) Further screening will be used by the designated Corporate Operating Experience Program Lead Office to determine DOE-wide applicability.	Deleted.		The general requirements (the “what”) should be sufficient to design a comprehensive operating experience program, so the specific requirements (the “how”) were deleted.	Deleted.	
35	4a(4)(c) Analyses and evaluations will be conducted by the designated Corporate Operating Experience Program Lead Office to provide DOE management and programs with clear and timely information regarding significant and emerging safety issues with DOE-wide applicability.	Deleted.		Removed the redundant requirement because it is covered by new 4d(4), which replaces old 4a(6).	Deleted.	
36	4a(5) The following elements must be incorporated into the operating experience program:	Deleted.		Specific requirements stated in old 4a(5)(a) - 4a(5)(d) were deleted.	Deleted.	
37	4a(5)(a) performance indicators	Deleted.		Specific requirements	Deleted.	

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		and trends,			stated in old 4a(5)(a) - 4a(5)(d) were deleted.		
38	4a(5)(b)	site-specific issues,	Deleted.		Specific requirements stated in old 4a(5)(a) - 4a(5)(d) were deleted.	Deleted.	
39	4a(5)(c)	generic technical issues, and	Deleted.		Specific requirements stated in old 4a(5)(a) - 4a(5)(d) were deleted.	Deleted.	
40	4a(5)(d)	management or institutional issues.	Deleted.		Specific requirements stated in old 4a(5)(a) - 4a(5)(d) were deleted.	Deleted.	
41	4a(6)	Designated Corporate Operating Experience Program Lead Office feedback communications on identified environment, safety and health operating experience issues with DOE Headquarters and field organizations, contractors, industry and other Federal agencies and the public must be conducted through actionable or informative operating experience documents (listed in order of importance)—	4c(4) The Designated Corporate Operating Experience Program Lead Office must produce and disseminate operating experience issues through actionable or informative operating experience documents, as defined in Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	

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42	4a(6)(a)	Special Operations Reports (SORs) are issued by the Deputy Secretary of Energy and disseminated through formal correspondence to NNSA and the DOE Under Secretaries for action and further dissemination to the DOE NNSA Deputy Administrators and PSOs, field elements, and contractors. SORs are also posted/pushed to users of the DOE Corporate Lessons Learned Database (URL: http://www.eh.doe.gov/DOELL/index.asp) and posted on the DOE lessons learned web page hosted by EH (URL: http://www.eh.doe.gov/paa/specialops_reports.html) to facilitate communications. SORs are produced to inform the DOE complex of the most significant events or	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.

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	trends of concern to management. The following requirements must be met in developing an SOR.					
43	4a(6)(a) 1	Senior management must verify that performance expectations delineated in the SOR are met.	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.
44	4a(6)(a) 2	Working groups formed to develop SORs are led by the Corporate Operating Experience Program Office and include subject matter experts drawn from representatives of Program Secretarial Offices (PSOs), NNSA Deputy Administrators (DAs), DOE field	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.

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	elements, and contractors.		increased attention is needed.”			
45 4a(6)(a) 3	SORs must be coordinated by the Corporate Operating Experience Program lead office through the Under Secretaries/central technical authorities for concurrence before being forwarded to the Deputy Secretary for promulgation.	Moved to Appendix A.	Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department’s comprehensive operating experience program will “increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed.”	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	
46 4a(6)(a) 4	SORs can be prepared on the basis of one event (e.g., as a followup to a Type A or Type B accident investigation as defined by DOE O 225.1A, <i>Accident Investigations</i> , dated 11-26-97, a significant external event) or upon a collection of like events or trends. Criteria for preparing an SOR are as follows.	Moved to Appendix A.	Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department’s comprehensive operating experience program will “increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed.”	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	

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47	4a(6)(a) 4a	The events being reported had a significant impact on safe facility operations, worker or public safety and health or regulatory compliance.	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	
48	4a(6)(a) 4b	To prevent recurrence or to ensure that potential for a similar event is acceptably low, management will determine vulnerabilities and initiate action at the site or at sites that perform similar work.	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	

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49	4a(6)(a) 4c	The conditions or symptoms can be identified to illustrate what to look for and what actions are expected by management at other sites.	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	
50	4a(6)(a) 4d	Trend analysis indicates it is prudent to require management action to reverse an adverse trend.	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	
51	4a(6)(a)	In response to an SOR,	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to</i>	Clarifying language,	Modified.	

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
5	DOE field elements, Government-owned/Government-operated (GOGO) Sites, and contractor senior management must submit to their NNSA Deputy Administrator or PSO formal documentation of the results of their assessments, including a decision of applicability or non-applicability, actions taken or planned with completion dates, and a verification of the close-out of actions.		<i>Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.		
52	4a(6)(a) 6	DOE PSOs and NNSA Deputy Administrators, through their Under Secretary, must provide to the Deputy Secretary (with an information copy to the Corporate Operating Experience Program Lead Office) a consolidated report of actions taken and affirmation that the expectations outlined in the SOR have been met or will be met by the required date.	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
53	4a(6)(b)	<u>Environment, Safety and Health Alerts (SAs)</u> , prepared by the Corporate Operating Experience Program lead office, are issued by the Assistant Secretary for Environment, Safety and Health and disseminated by formal correspondence to NNSA Deputy Administrators and the PSOs requesting their action and further dissemination to DOE field elements and contractors. SAs are also posted/pushed to users of the DOE Corporate Lessons Learned Database (URL: http://www.eh.doe.gov/DOELL/index.asp) and posted on the DOE lessons learned web page hosted by EH (URL: http://www.eh.doe.gov/paa/alerts.html) to facilitate communications. SAs are issued to inform the DOE complex (or	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
	affected sites) of potentially significant safety issues (e.g., an immediate conduct of operations problem, suspect/counterfeit parts, or defective items that require immediate action). The following requirements apply.					
54 4a(6)(b) 1	SAs are developed by the Corporate Operating Experience Program lead office. A working group of subject matter experts drawn from PSOs, DOE field elements and contractor staffs will assist as necessary.	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	
55 4a(6)(b) 2	An SA must include—	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in	Modified.	

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
			“increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed.”	new Appendix A to improve the understandability of the requirements.		
56	4a(6)(b) 2a	a statement of actions the recipient must take, or, as it pertains to NNSA, that are recommended and	Moved to Appendix A.	Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department’s comprehensive operating experience program will “increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed.”	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.
57	4a(6)(b) 2b	a method for providing feedback by formal response to the PSO or NNSA Deputy Administrator.	Moved to Appendix A.	Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department’s comprehensive operating experience program will “increase integration and collective analysis of the	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the	Modified.

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
			results of various feedback systems to identify adverse trends or areas where increased attention is needed.”	understandability of the requirements.		
58 4a(6)(b) 3	The PSO must provide a consolidated report of actions taken or of non-applicability to EH.	Moved to Appendix A.	Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department’s comprehensive operating experience program will “increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed.”	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	
59 4a(6)(b) 4	SA recipients must review conduct of operations for similar problems or potential for purchase or use of reported suspect, counterfeit or defective items and take appropriate action to prevent adverse consequences.	Moved to Appendix A.	Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department’s comprehensive operating experience program will “increase integration and collective analysis of the results of various feedback systems to identify adverse	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
60	4a(6)(c)	<u>Environment, Safety and Health Bulletins (SBs)</u> are issued by the Assistant Secretary for Environment, Safety and Health and disseminated by formal correspondence to NNSA Deputy Administrators and the PSOs recommending their action and further dissemination to DOE field elements and contractors. SBs are also posted/pushed to users of the DOE Corporate Lessons Learned Database (URL: http://www.eh.doe.gov/DOELL/index.asp) and posted on the DOE lessons learned web page hosted by EH (URL: http://www.eh.doe.gov/paa/bulletins.html) to facilitate communications.	Moved to Appendix A.	trends or areas where increased attention is needed.” Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department’s comprehensive operating experience program will “increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed.”	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
	SBs are prepared on an as-needed basis by the Corporate Operating Experience Program lead office when operating experience data shows a trend that warrants senior Headquarters and field management attention.	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	
61	4a(6)(c) 1 SBs are the communication vehicle when events or operating experience data analysis shows trends that warrant attention but are not of the safety significance level that warrants an SOR or SA.	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	
62	4a(6)(c) SBs must recommend	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to</i>	Clarifying language,	Modified.	

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
2	specific corrective or preventative actions to senior management who will ensure that actions are taken.		<i>Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.		
63	4a(6)(c) 3	An SB must request formal response to EH or preparation of an occurrence report for submission to the Occurrence Reporting and Processing System (ORPS).	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.
64	4a(6)(d)	<u>Environment, Safety and Health Advisories (SAdS)</u> are issued by	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> ,	Clarifying language, since the operating experience documents	Modified.

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
	<p>the Corporate Operating Experience Program lead office on an as-needed basis when analysis of operating experience data shows an event(s) or a trend(s) that warrants senior Headquarters and field manager awareness but whose safety significance does not warrant an SOR, SA, or SB. SAdS are disseminated by being posted/pushed to users of the DOE Corporate Lessons Learned Database (URL: http://www.eh.doe.gov/DOE11/index.asp) and by posting on the DOE lessons learned web page hosted by EH. (URL: http://www.eh.doe.gov/paa/safety_advisory.html).</p>		<p>issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."</p>	<p>listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.</p>		
65	4a(6)(d) 1	SAd highlights important environment, safety and health issues for senior management attention and potential action.	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated,	Modified.

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
			Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.		
66	4a(6)(d) 2	No response to a SAd is required.	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.
67	4a(6)(e)	<u>Operating Experience Summaries (OESs)</u> are issued by the Corporate Operating Experience Program lead office for a target audience of first-tier supervisors,	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and	Modified.

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
	work planners, and craft personnel as a compilation of DOE-wide occurrence information and lessons learned from which sites could benefit. OESs must be disseminated by posting on the DOE lessons learned web page hosted by EH. (URL: http://www.eh.doe.gov/paa/oesummary/index.html . A limited number of OESs will also be mailed to senior DOE Headquarters and field managers.		experience program will “increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed.”	moved to a table in new Appendix A to improve the understandability of the requirements.		
68	4a(6)(e) 1	Moved to Appendix A.	Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department’s comprehensive operating experience program will “increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed.”	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	

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	Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
69	4a(6)(e) 1a	substantive analysis of reported events,	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	
70	4a(6)(e) 1b	causes and contributing factors,	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	

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	Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
71	4a(6)(e) 1c	similar events and corrective actions that describe significant events, or	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	
72	4a(6)(e) 1d	important individual DOE activities that provide corporate lessons learned.	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	
73	4a(6)(e)	Recipients are	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to</i>	Clarifying language,	Modified.	

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
2	encouraged to evaluate the occurrences with an eye toward taking action to ensure that—		<i>Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department’s comprehensive operating experience program will “increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed.”	since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.		
74	4a(6)(e) 2a similar events do not occur, or	Moved to Appendix A.	Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department’s comprehensive operating experience program will “increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed.”	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	
75	4a(6)(e) 2b existing program elements reflect best practices.	Moved to Appendix A.	Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> ,	Clarifying language, since the operating experience documents	Modified.	

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
			issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.		
76	4a(6)(f)	<u>Just-In-Time Operating Experience Reports (JITs)</u> are issued by the Corporate Operating Experience Program lead office to inform work planners and workers about a specific safety issue related to work they perform. JITs must be disseminated by being posted/pushed to users of the DOE Corporate Lessons Learned Database (URL: http://www.eh.doe.gov/DOEII/index.asp) and by posting on the DOE lessons learned web page hosted by EH (URL: http://www.eh.doe.gov/)	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.

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	Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
		paa/jit.html).					
77	4a(6)(f) 1	JITs present—	Moved to Appendix A.	Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department’s comprehensive operating experience program will “increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed.”	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	
78	4a(6)(f) 1a	brief examples of problems and mistakes encountered in actual cases, and	Moved to Appendix A.	Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department’s comprehensive operating experience program will “increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed.”	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	

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	Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
79	4a(6)(f) 1b	points to consider for avoiding pitfalls.	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	
80	4a(6)(f) 2	Content, which is generated from review of common (i.e., frequently performed) tasks, provides practical lessons for—	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	
81	4a(6)(f)	program managers,	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to</i>	Clarifying language,	Modified.	

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
2a			<i>Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.		
82	4a(6)(f) 2b	field representatives,	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.
83	4a(6)(f) 2c	work planners,	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> ,	Clarifying language, since the operating experience documents	Modified.

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
			issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.		
84	4a(6)(f) 2d	first line supervisors, and	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.
85	4a(6)(f) 2e	workers.	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been	Modified.

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
86	4a(6)(f) 3	Over time, JITs will become a library of living documents for update when new lessons are learned and practices are added.	Moved to Appendix A.	Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.
87	4a(6)(g)	<u>Suspect/Counterfeit or Defective Items Data Collection Sheet (DCS)</u> issued by the Corporate Operating Experience Program lead office provide information on	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
	defective or suspect/counterfeit items (S/CIs) with potential impact to DOE operations. DCSs must be disseminated by posting on the DOE Suspect/Counterfeit Items and Defective Items web pages hosted by EH. (URL: http://www.eh.doe.gov/sci). A limited number of DCSs may also be disseminated by Push Mail to a registered users list. DCSs are developed from review of—		experience program will “increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed.”	moved to a table in new Appendix A to improve the understandability of the requirements.		
88	4a(6)(g) 1	occurrence reports, Moved to Appendix A.	Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department’s comprehensive operating experience program will “increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed.”	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	

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	Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
89	4a(6)(g) 2	the Government Industry Data Exchange Program (GIDEP),	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	
90	4a(6)(g) 3	the Institute of Nuclear Power Operations (INPO), and	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	
91	4a(6)(g)	other databases.	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to</i>	Clarifying language,	Modified.	

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
4			<i>Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.		
92	4a(7)	Moved to Appendix A.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Clarifying language, since the operating experience documents listed in old 4a(6)(a) – 4a(7) have been consolidated, streamlined, and moved to a table in new Appendix A to improve the understandability of the requirements.	Modified.	
						NNSA Deputy Administrators/PSOs also develop DOE Lessons Learned to provide feedback communications on identified program/mission specific operating experience lessons learned with field organizations and contractors. NNSA Deputy Administrator/PSO developed DOE Lessons Learned must contain the basic elements of the DOE Operating Experience Lessons Learned

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
	Template provided in Attachment 5, (i.e., title, number, statement of the lessons learned, discussion, analysis, and recommended actions). NNSA Deputy Administrator/PSO issued lessons learned may emulate the format of the Corporate Operating Experience Documents (i.e., SOR, SA, SB, SAd, etc.) described in section 4a(6).					
93	4a(8) Operating experience records must be maintained according to National Archives and Records Administration (NARA)-approved DOE Record Disposition Schedules.	Deleted		It is not necessary to specify and repeat records retention requirements that may apply and are contained in other records disposition requirements.	Deleted.	
94	4a(9) Lessons learned must be incorporated into—	Deleted.		Specific requirements stated in old 4a(9)(a) - 4a(9)(d) were deleted.	Deleted.	
95	4a(9)(a) training,	Deleted.		Specific requirements stated in old 4a(9)(a) - 4a(9)(d) were deleted.	Deleted.	

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	Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
96	4a(9)(b)	maintenance and work planning,	Deleted.		Specific requirements stated in old 4a(9)(a)	Deleted.	
97	4a(9)(c)	operations, and	Deleted.		Specific requirements stated in old 4a(9)(a)	Deleted.	
98	4a(9)(d)	design and construction.	Deleted.		Specific requirements stated in old 4a(9)(a) - 4a(9)(d) were deleted.	Deleted.	
99	4b	A DOE Corporate Operating Experience Program lead office is designated in this Order and assigned responsibility for program development and oversight, and clearinghouse development and maintenance as shown in Attachment 4.	Deleted.		Removed the redundant requirement because it is covered by new 4c(3), 4c(3)(a), and 4c(3)(b), which replaces old 4a(3), 4a(3)(a), and 4a(3)(b). It is also covered in the Responsibilities Section, specifically new 5c(1). Attachment 4 was also deleted.	Merged.	
100	4c	Guidance materials must be developed and maintained, and the Corporate Operating Experience Program lead office will assist DOE elements with the implementation of this Order.	Deleted.		Removed because development and maintenance of guidance material does not need to be a separate requirement. It is covered in the Responsibilities Section, specifically new 5c(2) and 5c(3) (old 5c(3) and 5c(4)).	Merged.	

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
101 4d	DOE operating experience information must be collected and analyzed continuously by each organization's operating experience program, in particular the designated Corporate Operating Experience Program lead office, to identify significant crosscutting issues and trends and detect weak signals across the Department, and to take action to correct the identified weaknesses.	4c(2) Each organization's OE program, in particular the designated DOE Corporate Operating Experience Program Lead Office, must routinely screen and assess internal and external operating experience to identify significant issues and lessons learned that may be of safety significance or have a bearing on the success of DOE missions and to make them available to the DOE complex.	<p>Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i>, issued in December 2004, states that the Department's comprehensive operating experience program will, “</p> <ul style="list-style-type: none"> • Identify and review internal occurrences, accidents, and other events of interest • <input type="checkbox"/> Identify and review external events of interest • Promote general awareness of operating experiences through various regular communications vehicles • Require action on the part of line management in response to certain occurrences; action may include review, analysis, identification and implementation of corrective actions. Depending on the severity of the operating experience, actions will be taken at the local level, and subject to later reporting, verification and oversight. 	Combined old 4a(2), old 4a(4), old 4d, old 4e, old 4f, old 4h, and old 4i, and made some other changes, to strengthen the requirement.	Merged.	

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
102 4e	External operating experience data must be collected and analyzed by each organization's operating experience program, in particular the designated Corporate Operating Experience Program lead office, to identify significant issues and lessons learned to make available to the DOE complex.	4c(2) Each organization's OE program, in particular the designated DOE Corporate Operating Experience Program Lead Office, must routinely screen and assess internal and external operating experience to identify significant issues and lessons learned that may be of safety significance or have a bearing on the success of DOE missions and to make them available to the DOE complex.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will, " <ul style="list-style-type: none"> • Identify and review internal occurrences, accidents, and other events of interest • <input type="checkbox"/> Identify and review external events of interest • Promote general awareness of operating experiences through various regular communications vehicles • Require action on the part of line management in response to certain occurrences; action may include review, analysis, identification and implementation of corrective actions. Depending on the severity of the operating experience, actions will be taken at the local level, and subject to later reporting, verification and oversight. 	Combined old 4a(2), old 4a(4), old 4d, old 4e, old 4f, old 4h, and old 4i, and made some other changes, to strengthen the requirement.	Merged.	

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
103 4f	DOE federal and contractor organizations must share operating experience lessons learned with the DOE complex through the DOE Corporate Lessons Learned Database (URL: http://www.eh.doe.gov/DOEII/index.asp), using the standard format described in Attachment 5.	4c(2) Each organization's OE program, in particular the designated DOE Corporate Operating Experience Program Lead Office, must routinely screen and assess internal and external operating experience to identify significant issues and lessons learned that may be of safety significance or have a bearing on the success of DOE missions and to make them available to the DOE complex.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will, " <ul style="list-style-type: none"> • Identify and review internal occurrences, accidents, and other events of interest • <input type="checkbox"/> Identify and review external events of interest • Promote general awareness of operating experiences through various regular communications vehicles • Require action on the part of line management in response to certain occurrences; action may include review, analysis, identification and implementation of corrective actions. Depending on the severity of the operating experience, actions will be taken at the local level, and subject to later reporting, verification and oversight. 	Combined old 4a(2), old 4a(4), old 4d, old 4e, old 4f, old 4h, and old 4i, and made some other changes, to strengthen the requirement.	Merged.	

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
104 4g	DOE federal and contractor organizations must apply the following criteria when assessing whether to share a lesson learned with other DOE organizations.	4b Each organization must submit lessons learned from operating experience to the DOE Corporate Lessons Learned Database, when all of the following criteria are met:	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will, " <ul style="list-style-type: none"> Identify and review internal occurrences, accidents, and other events of interest Maintain a searchable lessons learned database." 	The requirement in old 4g is replaced with a slightly modified requirement in new 4b, however the specific requirement under the old 4g (except for old 4g(3)(a), old 4g(3)(b), and old 4g(3)(c)) have been deleted and the remaining requirement (old 4g(3)(a), old 4g(3)(b), and old 4g(3)(c)) have been added to the new 4b as new 4b(1) and new 4b(2). Old 4g(3)(a) was deleted.	Modified.	
105 4g(1)	Lessons learned developed for any Type A or Type B accidents, as defined by DOE O 225.1A, <i>Accident Investigations</i> , dated 11-26-97 must be shared.	Deleted		The 4g(1) requirement has been deleted. Any lessons learned to be submitted from accident investigations will be required in the revised accident investigation order. This avoids language that duplicates what is in other directives.	Deleted.	
106 4g(2)	Lessons learned must be developed for Significance Category I or recurring events, as defined in Section 5.2	Deleted		The 4g(2) requirement has been deleted. Any lessons learned to be submitted from occurrence reporting	Deleted.	

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
	of DOE M 231.1-2, <i>Occurrence Reporting and Processing of Operations Information</i> , dated 8-19-03, and must be shared.			will be required in the revised occurrence reporting order. This avoids language that duplicates what is in other directives.		
107 4g(3)	Other operating experience derived from other operating events, e.g., classifiable operational emergencies (i.e., General Emergencies, Site Area Emergencies, or Alert) as defined by DOE O 151.1C, <i>Comprehensive Emergency Management System</i> , dated 11-2-05, Significance Category 2, 3 or 4 occurrences, as defined in Section 5.2 of DOE M 231.1-2, <i>Occurrence Reporting and Processing of Operations Information</i> , dated 8-19-03, Price-Anderson Amendments Act (PAAA) events reported in the Non-Compliance Tracking System (NTS), injuries	Deleted.		The 4g(3) requirement has been deleted. Any lessons learned to be submitted from emergency management, occurrence reporting, Price Anderson or CAIRS will be required in their respective directive documents. This avoids language that duplicates what is in other directives.	Deleted.	

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
	or illness reported in the Computerized Accident/Illness Reporting System (CAIRS), assessment findings, etc., may provide lessons learned to be shared when the following criteria are met.					
108	4g(3)(a) The lesson will provide significant, new information.	Deleted.			The criterion was unclear in its intent and appears to unnecessarily discourage a lessons learned submittal. Searching to identify if the LL is actually new is unreasonable.	Deleted.
109	4g(3)(b) The experience has direct relevance to other facilities, sites, or programs under the cognizance of a PSO/NNSA Deputy Administrator and is directly relevant to other SO/NNSA Deputy Administrator's programs.	4b(1) the operating experience has relevance to other DOE facilities, sites, or programs;	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will, " <ul style="list-style-type: none"> • Identify and review internal occurrences, accidents, and other events of interest • Maintain a searchable lessons learned database." 	Simplified the wording.	Modified.	

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
110 4g(3)(c)	The information has the potential to be the basis for significant improvements or cost savings.	4b(2) the information has the potential to help avoid adverse operating incidents, for performance improvements, or for cost savings.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will, " <ul style="list-style-type: none"> • Identify and review internal occurrences, accidents, and other events of interest • Maintain a searchable lessons learned database." 	There was a need to add a stronger emphasis and clarity on safety and also a change of the word "significant" to "performance" to add clarity.	Modified.	
111 4h	To improve operational safety awareness, information will be gathered by the Corporate Operating Experience Program lead office from daily occurrence summaries, emergency operation center reports, weekly reports, periodic safety management meeting materials, and occurrence trend reports to assess program performance trends and the data will be disseminated DOE-wide.	4c(2) Internal and external operating experience must be screened routinely by each organization's operating experience program, in particular the designated Corporate Operating Experience Program Lead Office, to identify significant issues and lessons learned that may have a bearing on the success of DOE missions and make them available to the DOE complex. When data suggests a significant near-term safety risk or vulnerability,	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will, " <ul style="list-style-type: none"> • Identify and review internal occurrences, accidents, and other events of interest • <input type="checkbox"/> Identify and review external events of interest • Promote general awareness of operating experiences through various regular 	Combined old 4a(2), old 4a(4), old 4d, old 4e, old 4f, old 4h, and old 4i, and made some other changes, to strengthen the requirement.	Merged.	

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
		those issues must be prioritized, communicated, and resolved.	communications vehicles <ul style="list-style-type: none"> Require action on the part of line management in response to certain occurrences; action may include review, analysis, identification and implementation of corrective actions. Depending on the severity of the operating experience, actions will be taken at the local level, and subject to later reporting, verification and oversight.			
112 4i	Operating experience data must be shared between DOE sites with similar programs or missions.	4c(2) Internal and external operating experience must be screened routinely by each organization's operating experience program, in particular the designated Corporate Operating Experience Program Lead Office, to identify significant issues and lessons learned that may have a bearing on the success of DOE missions and make them available to the DOE complex. When data suggests a significant near-term	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will, " <ul style="list-style-type: none"> Identify and review internal occurrences, accidents, and other events of interest Identify and review external events of interest Promote general awareness of operating experiences through 	Combined old 4a(2), old 4a(4), old 4d, old 4e, old 4f, old 4h, and old 4i, and made some other changes, to strengthen the requirement.	Merged.	

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
		safety risk or vulnerability, those issues must be prioritized, communicated, and resolved.	<p>various regular communications vehicles</p> <ul style="list-style-type: none"> • Require action on the part of line management in response to certain occurrences; action may include review, analysis, identification and implementation of corrective actions. <p>Depending on the severity of the operating experience, actions will be taken at the local level, and subject to later reporting, verification and oversight.</p>			
113	4j	The DOE Corporate Operating Experience Program must be integrated with—	Deleted.		Specific requirements stated in old 4j were deleted.	Deleted.
114	4j(1)	ISMS (see DOE P 450.4, <i>Safety Management System Policy</i> , dated 10-15-96, and 48 CFR 970.5215-3, Integration of Environment, Safety and Health into Work Planning and Execution);	Deleted.		Specific requirements stated in old 4j(1) – 4j(5) were deleted.	Deleted.
115	4j(2)	occurrence reporting requirements as defined	Deleted.		Specific requirements stated in old 4j(1) –	Deleted.

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference	
	in DOE O 231.1A, <i>Environment, Safety and Health Reporting</i> , dated 6-3-04 and DOE M 231.1-2, <i>Occurrence Reporting and Processing of Operations Information</i> , dated 8-19-03;					4j(5) were deleted.	
116 4j(3)	the Quality Assurance Program as defined in 10 CFR Part 830, Subpart A;	Deleted.				Specific requirements stated in old 4j(1) – 4j(5) were deleted.	Deleted.
117 4j(4)	the contract performance clause defined in 48 CFR 970.5204-86, Conditional Payment of Fee, Profit and Other Incentives; and	Deleted.				Specific requirements stated in old 4j(1) – 4j(5) were deleted.	Deleted.
118 4j(5)	lessons learned requirements defined in DOE O 151.1C, <i>Comprehensive Emergency Management</i> , dated 11-02-05, DOE O 225.1A, <i>Accident Investigations</i> , dated 11-26-97, DOE O 226.1, <i>Implementation of Department of Energy Oversight Policy</i> , dated 9-15-05,	Deleted.				Specific requirements stated in old 4j(1) – 4j(5) were deleted.	Deleted.

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
	and DOE O 414.1C, <i>Quality Assurance</i> , dated 6-17-05.					
119		4a Departmental Elements, including Headquarters and Field Elements, must develop and implement an Operating Experience (OE) Program and identify and designate an OE Program Coordinator. The OE Program will use a graded approach when addressing the applicability of the following requirements and the basis for this approach must be documented based upon the review and analysis of the hazards and risks for the program and its operational activities.	Commitment #18 in Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004 commits to developing a comprehensive DOE Operating Experience Program. A coordinator needs to be appointed to ensure that operating experience program responsibilities are fulfilled. The addition of a graded approach is consistent with the flexibility needed to adapt the program for site-specific operations.	Added a graded approach methodology for use in development of site-specific programs.	Added.	
120		4c(5) Line managers must routinely review OE program data and determine appropriate actions to resolve any identified risks or vulnerabilities.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will	To provide a clear requirement calling for line managers to ensure that operating experience data is reviewed, and any safety risks or vulnerabilities	Added.	

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
			“increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed.”	addressed.		

DOE O 210.2 to DOE O 210.2A Requirements Crosswalk
Attachment 1 – Contractor Requirements Document

DOE O 210.2 DOE Corporate Operating Experience Program

	Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
1	1	<u>GENERAL REQUIREMENTS</u>	<u>REQUIREMENTS.</u>		Modified to fit current terminology.	Modified.	
2	1a	A DOE contractor must establish an operating experience function that develops and evaluates site-specific lessons learned which focus on preventing recurrence of safety or reliability events, and to share good work practices among DOE sites. The contractor must—	1a Establish an Operating Experience Program tailored to the nature of the work, hazards, and organizational complexities to: 1a(1) Develop lessons learned that focus on preventing adverse events, trends, and reliability related events, and on performance improvement or cost savings.	Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department’s comprehensive operating experience program will, “ • Identify and review internal occurrences, accidents, and other events of interest • <input type="checkbox"/> Identify and review external events of interest • Promote general awareness of operating experiences through various regular communications vehicles • Require action on the part of line management in response to certain occurrences; action may include review, analysis, identification and implementation of corrective actions. Depending on the severity of the operating experience, actions will be	Clarifying language.	Modified	

DOE O 210.2 to DOE O 210.2A Requirements Crosswalk
Attachment 1 – Contractor Requirements Document

DOE O 210.2 DOE Corporate Operating Experience Program

Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
3	1a(1)	share lessons learned with the DOE complex through the DOE Corporate Lessons Learned Database (URL: http://www.eh.doe.gov/DOEII/index.asp) (see standard format in Appendix A).	1b. Share contractor-specific lessons learned from operating experience with the DOE complex, through the DOE Corporate Lessons Learned Database, when both (1) the operating experience has relevance to other DOE facilities, sites, or programs; and (2) the information has the potential to help avoid adverse operating incidents, for performance improvements, or for cost savings.	taken at the local level, and subject to later reporting, verification and oversight. Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Consolidated requirement, intent remains the same.	Modified.
4	1b	The contractor must apply the following criteria when assessing lessons learned for submission to the DOE Corporate Lessons Learned Database (URL: http://www.eh.doe.gov/DOEII/index.asp).	Deleted		The 1b requirement has been deleted as it refers to the old web address.	Deleted.

DOE O 210.2 to DOE O 210.2A Requirements Crosswalk
Attachment 1 – Contractor Requirements Document

DOE O 210.2 DOE Corporate Operating Experience Program

	Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
5	1b(1)	Lessons learned developed for Type A or Type B accidents (see DOE O 225.1A, <i>Accident Investigations</i> , dated 11-26-97) must be submitted.	Deleted		The 1b(1) requirement has been deleted. Any lessons learned to be submitted from accident investigations will be required in the revised accident investigation order.	Deleted.	
6	1b(2)	Lessons learned must be developed and submitted for any significance category 1 or recurring events (See Section 5.2 of DOE M 231.1-2, <i>Occurrence Reporting and Processing of Operations Information</i> , dated 8-19-03).	Deleted		The 1b(2) requirement has been deleted. Any lessons learned to be submitted from occurrence reporting will be required in the revised occurrence reporting order.	Deleted.	
7	1b(3)	Contractor-specific operating experience derived from other operating events, e.g., classifiable operational emergencies (i.e., General Emergencies, Site Area Emergencies, or Alert) (see DOE O 151.1C, <i>Comprehensive Emergency Management</i>	Deleted.		The 1b(3) requirement has been deleted. Any lessons learned to be submitted from emergency management, occurrence reporting, Price Anderson or CAIRS will be required in their	Deleted.	

DOE O 210.2 to DOE O 210.2A Requirements Crosswalk
Attachment 1 – Contractor Requirements Document

DOE O 210.2 DOE Corporate Operating Experience Program

Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
	System, dated 11-2-05), significance category 2, 3 or 4 occurrences (See Section 5.2 of DOE 231.1-2, Occurrence Reporting and Processing of Operations Information, dated 8-19-03), Price-Anderson Amendments Act (PAAA) events reported in the Non-Compliance Tracking System (NTS), injuries or illness reported in the Computerized Accident/Illness Reporting System (CAIRS), assessment findings, etc., also may provide lessons learned to be submitted when the following criteria are met.				respective directive documents.	
8	1b(3)(a) The experience provides significant new information.	Deleted.			The criterion was unclear in its intent and appears to unnecessarily discourage a lessons learned submittal. Searching to identify if the LL is actually new is unreasonable.	Deleted.

DOE O 210.2 to DOE O 210.2A Requirements Crosswalk
Attachment 1 – Contractor Requirements Document

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Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference	
9	1b(3)(b)	The experience has direct relevance to other facilities, sites or programs.	1b(1) the operating experience has relevance to other DOE facilities, sites or programs;	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will, <ul style="list-style-type: none"> • Identify and review internal occurrences, accidents, and other events of interest • Maintain a searchable lessons learned database." 	Minor word change.	Modified.	
10	1b(3)(c)	The information has potential to be the basis for significant improvements or cost savings.	1b(2) the information has the potential to help avoid adverse operating incidents, for performance improvements, or for cost savings.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will, <ul style="list-style-type: none"> • Identify and review internal occurrences, accidents, and other events of interest • Maintain a searchable lessons learned database." 	There was a need to add a stronger emphasis and clarity on safety and also a change of the word "significant" to "performance" to add clarity.	Modified.	
11	1c	The contractor must –	Deleted.		No need for this lead-in phrase.	Deleted.	

DOE O 210.2 to DOE O 210.2A Requirements Crosswalk
Attachment 1 – Contractor Requirements Document

DOE O 210.2 DOE Corporate Operating Experience Program

	Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
12	1c(1)	Screen all DOE Corporate Operating Experience Documents and DOE Lessons Learned (see Appendix B). Also, screen external organization operating experience documents from U.S. and foreign government agencies and industry, professional societies, trade associations, national academies, and universities, as deemed significant and relevant by contractor management, for applicability to contractor operations.	1a(2) Screen, distribute, and review DOE Corporate Operating Experience Program documents and external operating experience documents for site-specific relevance, risks and vulnerabilities, and take appropriate actions.	<p>Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i>, issued in December 2004, states that the Department’s comprehensive operating experience program will, “</p> <ul style="list-style-type: none"> • Identify and review internal occurrences, accidents, and other events of interest • <input type="checkbox"/> Identify and review external events of interest • Promote general awareness of operating experiences through various regular communications vehicles • Require action on the part of line management in response to certain occurrences; action may include review, analysis, identification and implementation of corrective actions. <p>Depending on the severity of the operating experience, actions will be taken at the local level, and subject to later reporting, verification and oversight.</p>	Combined old 1c(1), old 1c(2), and old 1c(3).	Modified	

DOE O 210.2 to DOE O 210.2A Requirements Crosswalk
Attachment 1 – Contractor Requirements Document

DOE O 210.2 DOE Corporate Operating Experience Program

Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference	
13	1c(2)	Distribute the applicable corporate and external operating experience documents to personnel for review, analysis, implementation of corrective actions, and routine use.	1a(2) Screen, distribute, and review DOE Corporate Operating Experience Program documents and external operating experience documents for site-specific relevance, risks and vulnerabilities, and take appropriate actions.	<p>Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i>, issued in December 2004, states that the Department's comprehensive operating experience program will,</p> <ul style="list-style-type: none"> • Identify and review internal occurrences, accidents, and other events of interest • <input type="checkbox"/> Identify and review external events of interest • Promote general awareness of operating experiences through various regular communications vehicles • Require action on the part of line management in response to certain occurrences; action may include review, analysis, identification and implementation of corrective actions. <p>Depending on the severity of the operating experience, actions will be taken at the local level, and subject to later reporting, verification and oversight.</p>	Combined old 1c(1), old 1c(2), and old 1c(3).	Modified	

DOE O 210.2 to DOE O 210.2A Requirements Crosswalk
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DOE O 210.2 DOE Corporate Operating Experience Program

	Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
14	1c(3)	Provide feedback through the DOE field element to the issuing authority for DOE Corporate Operating Experience Documents (i.e., SORs, SAs, and SBs) when specific implementation of lessons learned or corrective actions and a formal response are required.	1a(2) Screen, distribute, and review DOE Corporate Operating Experience Program documents and external operating experience documents for site-specific relevance, risks and vulnerabilities, and take appropriate actions.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Combined old 1c(1), old 1c(2), and old 1c(3).	Modified.	
15	1c(4)	Assess contractor operating event trends to identify recurring issues and evaluate the root causes of the recurring issues.	Deleted		The 1c(4) requirement has been deleted. Any lessons learned to be submitted from occurrence/event reporting will be required in the revised occurrence reporting order.	Deleted.	
16	1c(5)	Investigate and identify contractor operating event causes.	Deleted		The 1c(5) requirement has been deleted. Any lessons learned to be submitted from occurrence/event reporting will be	Deleted.	

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DOE O 210.2 DOE Corporate Operating Experience Program

Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
17	1c(6)	Develop, implement, and track actions to correct problems identified in causal analysis of contractor operating experience and develop lessons learned on the successes.	Deleted		required in the revised occurrence reporting order.	
					The 1c(6) requirement has been deleted. Any lessons learned to be submitted from occurrence/event reporting will be required in the revised occurrence reporting order.	Deleted.
18	1c(7)	Establish metrics to measure program performance and evaluate the effectiveness of actions implemented from lessons learned.	Deleted			
					The general requirements (the “what”) should be sufficient to design a comprehensive operating experience program, so the specific requirements (the “how”) were deleted.	Deleted.
19	1d	The contractor must maintain operating experience records according to National Archives and Records Administration (NARA)-approved DOE Record Disposition Schedules.	Deleted			
					It is not necessary to specify and repeat records retention requirements that may apply and are contained in other records disposition requirements.	Deleted.

DOE O 210.2 to DOE O 210.2A Requirements Crosswalk
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DOE O 210.2 DOE Corporate Operating Experience Program

Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
20 2	<u>SPECIFIC REQUIRMENTS.</u>	Deleted		Not necessary.	Deleted.	
21 2a	Provide resources for developing, implementing, and maintaining an operating experience program that is coordinated with the Headquarters Corporate Operating Experience Review Program Office.	Deleted.		It is the site's responsibility to make sure that appropriate resources have been allocated to support the OE program, which is required in new 1a.	Deleted.	
22 2b	Assign roles and responsibilities for the operating experience program.	<p>1c. Designate an Operating Experience Program Coordinator who can raise operating experience issues to senior contractor management and will:</p> <p>1c(1) Serve as the point-of-contact for the DOE Corporate Operating Experience Program and the Operating Experience Committee.</p> <p>1c(2) Support the contractor managers in implementing, managing and overseeing the Operating Experience</p>	Commitment #18 in Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004 commits to developing a comprehensive DOE Operating Experience Program.	It is the site's responsibility to assign most roles and responsibilities to support the OE program, which is required in new 1a. However, the designation of an Operating Experience Program Coordinator, along with their primary functions, has been included. The Operating Experience Committee (OEC) was created to enhance group	Modified.	

DOE O 210.2 to DOE O 210.2A Requirements Crosswalk
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DOE O 210.2 DOE Corporate Operating Experience Program

Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
		Program.		sharing and analysis of all forms of operating experience information. Therefore, all organizations should participate regularly in OEC activities.		
23 2c	Incorporate responsibility for implementation and support of the operating experience program into contractor Roles, Responsibilities, Accountabilities, and Authorities.	<p>1c. Designate an Operating Experience Program Coordinator who can raise operating experience issues to senior contractor management and will:</p> <p>1c(1) Serve as the point-of-contact for the DOE Corporate Operating Experience Program and the Operating Experience Committee.</p> <p>1c(2) Support the contractor managers in implementing, managing and overseeing the Operating Experience Program.</p>	Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department’s comprehensive operating experience program will “increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed.”	<p>It is the site’s responsibility to assign most roles and responsibilities to support the OE program, which is required in new 1a. However, the designation of an Operating Experience Program Coordinator, along with their primary functions, has been included. The Operating Experience Committee (OEC) was created to enhance group sharing and analysis of all forms of operating experience information. Therefore, all organizations should participate regularly</p>	Modified.	

DOE O 210.2 to DOE O 210.2A Requirements Crosswalk
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DOE O 210.2 DOE Corporate Operating Experience Program

Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
24 2d	Include in management control systems (policies and procedures) identification of lessons learned and implemented by organizations involved in identifying and correcting problems, diagnosing issues, or implementing corrective actions.	1d. Incorporate operating experience into contractor activities and processes.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	in OEC activities. Specific requirements stated in old 2d, old 2e, and old 2f were deleted and rolled up into new 1d.	Merged.	
25 2e	Integrate lessons learned procedures and processes with existing programs such as quality assurance, Integrated Safety Management System (ISMS), and occurrence reporting. Modify onsite control systems as appropriate.	1d. Incorporate operating experience into contractor activities and processes.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will "increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed."	Specific requirements stated in old 2d, old 2e, and old 2f were deleted and rolled up into new 1d.	Merged.	

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DOE O 210.2 DOE Corporate Operating Experience Program

Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
26 2f	Incorporate DOE and contractor lessons learned into operations, training, maintenance and work planning, work processes, and design and construction.	1d. Incorporate operating experience into contractor activities and processes.	Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department’s comprehensive operating experience program will “increase integration and collective analysis of the results of various feedback systems to identify adverse trends or areas where increased attention is needed.”	Specific requirements stated in old 2d, old 2e, and old 2f were deleted and rolled up into new 1d.	Merged.	
27 2g	As a part of self-assessments conducted to evaluate the contractor’s ISMS performance, include an assessment of the effectiveness of the contractor organization’s operating experience program. Report the results of this effectiveness review to the DOE Contracting Officer and the DOE Corporate Operating Experience Program	1e. As part of self-assessments conducted to evaluate organizational performance in Integrated Safety Management (ISM), include an assessment of the effectiveness of the organization’s operating experience program.	Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department’s comprehensive operating experience program will be “clearly focused on improving consistency and completeness of implementation of ISM Core Function #5 – Feedback and Improvement.”	Combined old 2g, old 2h(9), and old 2h(10) into one requirement (1e).	Merged.	

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DOE O 210.2 DOE Corporate Operating Experience Program

Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
28 2h	<p>lead office.</p> <p>Designate an operating experience program coordinator who can raise operating experience issues to senior management. The coordinator will be responsible for implementing requirements of this CRD and executing the following tasks.</p>	<p>2e Designate an operating experience program coordinator who can raise operating experience issues to senior contractor management and will:</p>	<p>Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i>, issued in December 2004, states that the Department’s comprehensive operating experience program will, “</p> <ul style="list-style-type: none"> • Identify and review internal occurrences, accidents, and other events of interest • <input type="checkbox"/> Identify and review external events of interest • Promote general awareness of operating experiences through various regular communications vehicles • Require action on the part of line management in response to certain occurrences; action may include review, analysis, identification and implementation of corrective actions. <p>Depending on the severity of the operating experience, actions will be taken at the local level, and subject to later reporting, verification and oversight.</p>	<p>Clarifying language, to improve the readability of the requirements.</p>	<p>Modified.</p>	

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DOE O 210.2 DOE Corporate Operating Experience Program

	Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
29	2h(1)	Manage the operating experience program and its participation in the DOE program and develop processes, procedures, communication methods and documentation to implement the program.	1c(1) Serve as the point-of-contact for the DOE Corporate Operating Experience Program and the Operating Experience Committee.	Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department’s comprehensive operating experience program will be “clearly focused on improving consistency and completeness of implementation of ISM Core Function #5 – Feedback and Improvement.”	Combined old 2h(1), old 2h(3), and old 2h(8) into one requirement (new 1c(1)).	Merged.	
30	2h(2)	Elevate to management for resolution unresolved issues associated with operating experience and lessons learned actions or decision.	1c. Designate an Operating Experience Program Coordinator who can raise operating experience issues to senior contractor management	Section 5.2.2 in DOE’s <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department’s comprehensive operating experience program will be “clearly focused on improving consistency and completeness of implementation of ISM Core Function #5 – Feedback and Improvement.”	Clarifying language, to improve the readability of the requirements.	Modified.	

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DOE O 210.2 DOE Corporate Operating Experience Program

	Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
31	2h(3)	Maintain program oversight.	1c(2) Support the contractor managers in implementing, managing and overseeing the Operating Experience Program.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will be "clearly focused on improving consistency and completeness of implementation of ISM Core Function #5 – Feedback and Improvement."	Clarifying language, to improve the readability of the requirements.	Modified.	
32	2h(4)	Submit to the DOE Corporate Operating Experience Program lessons learned that are applicable to other DOE sites.	1b. Share contractor-specific lessons learned from operating experience with the DOE complex, through the DOE Corporate Lessons Learned Database, when both (1) the operating experience has relevance to other DOE facilities, sites, or programs; and (2) the information has the potential to help avoid adverse operating incidents, for performance improvements, or for cost savings.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will, " <ul style="list-style-type: none"> • Identify and review internal occurrences, accidents, and other events of interest • Maintain a searchable lessons learned database." 	Clarifying language, to improve the readability of the requirements.	Modified.	
33	2h(5)	With assistance from subject matter experts,	Deleted.		It is the site's responsibility to	Deleted.	

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DOE O 210.2 DOE Corporate Operating Experience Program

Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
	assess the applicability and significance of internal and external operating experiences identified as potential lessons learned.			assign most roles and responsibilities to support the OE program, which is required in new 1a.		
34 2h(6)	Distribute internal, DOE and external operating experience data to personnel for review, analysis, and routine use.	Deleted.		It is the site's responsibility to assign most roles and responsibilities to support the OE program, which is required in new 1a.	Deleted.	
35 2h(7)	Participate in the screening, dissemination, analysis, and development of lessons learned.	Deleted.		It is the site's responsibility to assign most roles and responsibilities to support the OE program, which is required in new 1a.	Deleted.	
36 2h(8)	Serve as contractor point-of-contact for the DOE Corporate Operating Experience Program.	1c(1) Serve as the point-of-contact for the DOE Corporate Operating Experience Program and the Operating Experience Committee.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will be "clearly focused on improving consistency and completeness of implementation of ISM Core Function #5 –	Clarifying language, to improve the readability of the requirements.	Modified.	

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DOE O 210.2 DOE Corporate Operating Experience Program

Citation	Requirement	Revised Requirement	Basis for Requirement	Basis for Decision	Comments	Reference
37 2h(9)	Collect and report to management information on program effectiveness.	1c. Designate an Operating Experience Program Coordinator who can raise operating experience issues to senior contractor management	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will be "clearly focused on improving consistency and completeness of implementation of ISM Core Function #5 – Feedback and Improvement."	Feedback and Improvement."	Clarifying language, to improve the readability of the requirements.	Modified.
38 2h(10)	Evaluate implementation of the operating experience reporting and lessons learned development processes according to requirements of this CRD.	1e. As part of self-assessments conducted to evaluate organizational performance in Integrated Safety Management (ISM), include an assessment of the effectiveness of the organization's operating experience program.	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will be "clearly focused on improving consistency and completeness of implementation of ISM Core Function #5 – Feedback and Improvement."	Section 5.2.2 in DOE's <i>Implementation Plan to Improve Oversight of Nuclear Operations</i> , issued in December 2004, states that the Department's comprehensive operating experience program will be "clearly focused on improving consistency and completeness of implementation of ISM Core Function #5 – Feedback and Improvement."	Combined old 2g, old 2h(9), and old 2h(10) into one requirement (new 1e).	Merged.

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Appendix A – DOE Corporate Operating Experience Program Documents
(Table format of documents is new to revised Order 210.2A.)

Operating Experience Document	Purpose	Developed By	Distrib. Vehicle	Issued By	Issued To	Who Takes Action	Actions	Follow-up Reports
Operating Experience Level 1 (OE-1)	To inform DOE complex of most significant events or trends of concern to DOE management, including assessments and required actions with close-out verification in a formal response.	Operating Experience (OPEX) Lead Office and working group of subject matter experts (SMEs) from across DOE.	Formal Correspondence Lessons Learned(LL) Webpage	Deputy Secretary (Dep Sec)	National Nuclear Security Administration (NNSA) and DOE Under Secretaries (Under Sec) For Action Registered persons are notified when posted on Internet.	As directed	Assessments; decision of applicability; actions taken or planned with dates; verification of close-out.	Formal response required through Under Secs to Dep Sec (copy to OPEX Lead Office) with consolidated report of actions taken and affirmation that expectations are met or will be met by required date.
Operating Experience Level 2 (OE-2)	To inform DOE complex (or affected sites) of potentially significant safety issues (e.g., Conduct of Operations (CONOPS); Suspect/Counterfeit or Defective items (S/CI-D). Must include a statement of actions required (or recommended for NNSA) and formal method of feedback.	OPEX Lead Office and working group of SMEs from across DOE	Formal Correspondence LL Webpage	Chief, Health, Safety and Security Office	NNSA Principal Deputy Administrator and Program Secretarial Offices (PSOs) For Action Registered persons are notified when posted on Internet.	DOE, including Government Owned/ Government Operated (GOGO), Elements and Contractors, as applicable	Review issue (e.g., CONOPS or Purchasing for S/CI-D) and take appropriate action.	Formal response required from NNSA Principal Deputy Administrator and PSOs to DOE Office of Health, Safety and Security with consolidated report of actions taken or non-applicability.

Appendix A – DOE Corporate Operating Experience Program Documents
(Table format of documents is new to revised Order 210.2A.)

Operating Experience Document	Purpose	Developed By	Distrib. Vehicle	Issued By	Issued To	Who Takes Action	Actions	Follow-up Reports
Operating Experience Level 3 (OE-3)	To inform Senior HQ and Field Management when an event(s) or a trend(s) warrants attention by Senior HQ or Field Management, but the issue does not warrant an OE-1 or OE-2 report. Highlights important environment, safety, and health issues for senior management's attention and potential action.	OPEX Lead Office	LL Webpage	Office of Health, Safety and Security	NNSA Principle Deputy Administrator and PSOs. Registered persons are notified when posted on the internet.	DOE, including (GOGO), Elements and Contractors, as applicable	As appropriate	None
Operating Experience Summary (OES)	To inform DOE complex of DOE or external operating experience from which sites could benefit. Consists of a compilation of informative operating experience-based articles.	OPEX Lead Office	Operating Experience Summary webpage and blog	OPEX Lead Office	Internet distribution only. Registered users are notified when posted on the internet.	DOE, including (GOGO), Elements and Contractors, as applicable	As appropriate	None

Appendix A – DOE Corporate Operating Experience Program Documents
(Table format of documents is new to revised Order 210.2A.)

Operating Experience Document	Purpose	Developed By	Distrib. Vehicle	Issued By	Issued To	Who Takes Action	Actions	Follow-up Reports
Suspect/ Counterfeit or Defective Items (S/CI-D) Data Collection Sheet (DCS)	To provide information on S/CI-Ds with potential impact to DOE operations. Developed from review of occurrence reports, the Government/ Industry Data Exchange Program (GIDEP), the Institute of Nuclear Power (INPO), and other sources.	OPEX Lead Office	S/CI-D web pages A limited number sent by push mail to a registered users list.	OPEX Lead Office	Internet distribution only. Registered users are notified when posted on the internet.	DOE, including (GOGO), Elements and Contractors, as applicable	As appropriate	None
DOE Lessons Learned (LL) Report	To provide feedback communications on identified program/mission-specific lessons learned across the DOE complex.	DOE Complex-wide	DOE Corporate LL Database	OPEX Lead Office	Internet distribution only. Registered users are notified when posted on the internet.	DOE, including (GOGO), Elements and Contractors, as applicable	As appropriate	None