



Department of Energy

Washington, DC 20585

January 16, 1996

The Honorable John T. Conway
Chairman
Defense Nuclear Facilities Safety Board
625 Indiana Avenue, N.W.
Suite 700
Washington, D.C. 20004

Dear Mr. Conway:

Enclosed for your information is the Department of Energy's Office of Defense Programs 90-2 Quarterly Status Report for July 1, 1995 - September 30, 1995. This report provides: (1) a summary of Defense Programs Headquarters programmatic activities for responding to the Defense Nuclear Facilities Safety Board (DNFSB) Recommendation 90-2; and, (2) individual 90-2 Quarterly Status Reports for Defense Programs Headquarters and the following sites:

- o Albuquerque
- o Nevada
- o Oakland
- o Oak Ridge
- o Savannah River

This is the final Quarterly Report for Recommendation 90-2 in accordance with the DNFSB's closure of same.

If you have any questions concerning this report, please contact Maurice Pitt at (301) 903-6582.

Sincerely,

A handwritten signature in cursive script, appearing to read "Everet H. Beckner".

Everet H. Beckner
Principal Deputy Assistant Secretary
for Defense Programs

Enclosure

cc:

Manager, Albuquerque Operations Office
Manager, Nevada Operations Office
Manager, Oak Ridge Operations Office
Manager, Oakland Operations Office
Manager, Savannah River Operations Office
M. Whitaker, EH-9

DEPARTMENT OF ENERGY
DEFENSE PROGRAMS (DP)

90-2 QUARTERLY STATUS REPORT
JULY 1, 1995 - SEPTEMBER 30, 1995

DP 90-2 QUARTERLY STATUS REPORT
July 1, 1995 - September 30, 1995

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5. Oak Ridge Operations Office
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SECTION A
DP-HQ PROGRAMMATIC ACTIVITIES

A. DP PROGRAMMATIC ACTIVITIES

1. Recommendation 90-2 and Recommendation 94-5

During the fourth quarter of FY 1995, the Office of Defense Programs (DP) participated in the development and implementation of DOE-wide activities, programs and policies related to Recommendation 90-2. The major efforts included: (1) development of the Implementation Plan for Recommendation 94-5 (transmitted from the Secretary to the Board by letter of July 21, 1995); (2) continued formulation of the "necessary and sufficient" (N&S) process and its implementation at nine pilot facilities including two DP facilities; (3) development and review of new DOE Orders which supersede previous DOE Orders; (4) comments on the proposed revision of the FAR Manual (Functions, Assignments, and Responsibilities); and (5) participation in the Departmental Standards Committee (DSC). These activities are elements of or are related to the standards/requirements efforts within the scope of Recommendation 90-2.

At a meeting on September 26, 1995, DOE senior management briefed senior DNFSB staff on the DOE plan forward for its program for Recommendation 90-2 and the transition into Recommendation 94-5 efforts, in particular how to address current 90-2 milestones under the program for Recommendation 94-5 or any future recommendation.

2. Order Compliance Self-Assessment (OCSA) and Standards/Requirements Identification Document (S/RID)

The activities are within the scope of Recommendation 90-2 and are described in the DOE Implementation Plan (Rev. 5, November 1994) and in two associated DOE Instructions (September 1994). OCSAs and S/RID developments have been completed for the DP sites/facilities at Oak Ridge and Savannah River. The OCSA at Pantex is in progress; the development of the S/RID has not yet been initiated. Integrated Safety Management at DP laboratories is being conducted in accordance with the Department's response of September 15, 1995, to the Board's letter of April 28, 1995. During the fourth quarter of FY 1995, the transition from OCSA to S/RID compliance continued at the Oak Ridge and Savannah River sites.

The S/RID development process is similar to the N&S process, but they are not identical (N&S requires stakeholder involvement and is more focused on hazards and workscope; S/RID development should consider documentation of excluded DOE requirements).

3. FAR Manual

The FAR Manual (Functions, Assignments and Responsibilities) Rev. 2 (October 14, 1994) is being revised by the Office of Environment, Safety, and Health (EH). During this quarter, DP had only minor interaction with EH on this matter.

4. New DOE Orders

During the fourth quarter of FY 1995, DOE developed and issued new Orders listed in Table A.1 (limited to "Orders of Interest to the Board"). The new Orders cancel old Orders, either in total or in part. The cancellation of an old Order does not, by itself, modify or otherwise affect any contractual obligation by a M&O contractor to comply with such an Order. In addition, the phaseout or cancellation of an old Order is contingent upon replacement with provisions in a new Order based on a disciplined safety review as described in the DOE P 450.2 of September 30, 1995.

The new Orders were reviewed by the Departmental Standards Committee. Remaining issues were resolved in meetings of the Directives Management Board with the Deputy Secretary. New DOE Order 425.1 - "Startup and Restart of DOE Nuclear Facilities," was discussed with the DNFSB staff during the week of September 22, 1995, and issues were resolved. A crosswalk from individual requirements in the old Orders to individual requirements in the new Orders has been initiated.

5. DOE/DNFSB Interface Workshop

DP management and staff and contractors for DP facilities participated in a DOE workshop for interfaces with the Defense Nuclear Facilities Safety Board and its staff. The workshop was sponsored by EH and was conducted on September 12 - 13, 1995, in Washington, D.C.

6. STRIDE, Version 2.0

The Standards Requirements Identification Database (STRIDE) Version 2.0 was completed during this quarter. Beta testing was performed at the Albuquerque Operations Office, Oak Ridge Y-12, M. K. Ferguson in Oak Ridge, and at DOE-HQ. Training for STRIDE Version 2.0 was held at Sandia National Laboratories in Albuquerque and at Oak Ridge. STRIDE Version 2.0 has been released for use. The new Orders are being entered into the database.

7. Conference Calls

Semimonthly conference calls were held in July, August and September to disseminate Recommendation 90-2 and related information to the DP compliance coordinators (and EM points of contacts) throughout the DOE complex. Starting in October, there will be only one conference call per month.

8. DOE Orders of Interest to the Board

Table A.2 lists 52 DOE Orders that are identified as "Of Interest to the Board" as of early September 1995.

Table A.3 lists nine weapon sensitive DOE Orders for facilities that design, assemble, disassemble and test nuclear weapons.

As stated in Section 4 above, numerous new Orders were issued during this quarter. Tables A.2 and A.3 will be updated during the next quarter to integrate the "new" Orders into the tables.

**TABLE A.1
NEW DOE ORDERS (Status as of 9/30/95)**

NEW ORDER	TITLE	OLD ORDERS
0 151.1 9/25/95	Comprehensive Emergency Management System	5500.1B 5500.2B 5500.3A 5500.4A 5500.7B 5500.10
0 210.1 9/27/95	Performance Indicators and Analysis of Operations Information	5480.26
0 225.1 9/29/95	Accident Investigations	5484.1 ¹
0 231.1 9/30/95	Environment, Safety, and Health Reporting (Note: Manual M 231.1-1 applies to this Order)	5400.1 ¹ 5400.2A ¹ 5400.5 ¹ 5440.1E ¹ 5480.3 ¹ 5480.26 ¹ 5483.1A ¹ 5484.1 ¹
0 232.1 9/25/95	Occurrence Reporting and Processing of Operations Information (Note: Manual M 232.1-1 applies to this Order)	5000.3B
0 425.1 9/29/95	Startup and Restart of Nuclear Facilities	5480.31
0 430.1 8/24/95	Life-Cycle Assessment Management	4330.4B 4700.1 6430.1A
0 440.1 9/30/95	Worker Protection Management	5480.4 ¹ 5480.7A 5480.8A 5480.9A 5480.10 5483.1A
0 451.1 9/11/95	National Environmental Policy Act Compliance Program	5440.1E
0 460.1 9/27/95	Packaging and Transportation Safety	1540.2 5480.3
0 460.2 9/27/95	Departmental Materials Transportation and Packaging Management	1540.2 1540.3A

Note 1: New Order cancels old Order partially
12/06/95
WWS-95-212

TABLE A.2
DOE ORDERS OF INTEREST TO THE BOARD

ORDER (CHANGE)	ORDER (CHANGE) DATE	TITLE	NEW ORDER (O) CANCELLATION NOTICE (N)
1. 1300.2A	05/19/92	Department of Energy Technical Standards Program	
2. 1360.2B	05/18/92	Unclassified Computer Security Program	
3. 1540.2 (Chg 1)	12/19/88	Hazardous Materials Packaging for Transport - Administrative Procedures	O 460.1 O 460.2
4. 1540.3A	07/08/92	Base Technology for Radioactive Material Transportation Packaging Systems	O 460.2
5. 4330.4B	02/10/94	Maintenance Management Program	O 430.1
6. 4700.1 (Chg 1)	06/02/92	Project Management System	O 430.1
7. 5000.3B (Chg 1)	07/02/93	Occurrence Reporting and Processing of Operations Information	O 232.1 N 251.4
8. 5400.1 (Chg 1)	06/29/90	General Environmental Protection Program	O 231.1 ¹
9. 5400.2A (Chg 1)	01/07/93	Environmental Compliance Issue Coordination	O 231.1 ¹ N 251.6
10. 5400.3	02/22/89	Hazardous and Radioactive Mixed Waste Program	N 1321.139
11. 5400.4	10/06/89	Comprehensive Environmental Response, Compensation, and Liability Act Requirements	N 251.6
12. 5400.5 (Chg 2)	01/07/93	Radiation Protection of the Public and the Environment	O 231.1 ¹
13. 5440.1E	11/10/92	National Environmental Policy Act Compliance Program	O 231.1 ¹ O 451.1 N 251.4
14. 5480.1B (Chg 5)	05/10/93	Environment, Safety, and Health Program For Department of Energy Operations	N 251.4
15. 5480.3	07/09/85	Safety Requirements for the Packaging and Transportation of Hazardous Materials, Hazardous Substances and Hazardous Wastes	O 231.1 ¹ O 460.1 N 251.4
16. 5480.4 (Chg 4)	01/07/93	Environmental Protection, Safety, and Health Protection Standards	O 440.1 ¹
17. 5480.5	09/23/86	Safety of Nuclear Facilities	N 1321.140
18. 5480.6	09/23/86	Safety of Department of Energy-Owned Nuclear Reactors	N 251.4
19. 5480.7A	02/17/93	Fire Protection	O 440.1 N 251.4

Note 1: New Order cancels old Order partially
12/06/95
WWS-95-212

TABLE A.2
DOE ORDERS OF INTEREST TO THE BOARD

ORDER (CHANGE)	ORDER (CHANGE) DATE	TITLE	NEW ORDER (O) CANCELLATION NOTICE (N)
20. 5480.8A (Chg 1)	10/19/92	Contractor Occupational Medical Program	O 440.1 N 251.4
21. 5480.9A	04/13/94	Construction Project Safety and Health Management	O 440.1 N 251.4
22. 5480.10	06/26/85	Contractor Industrial Hygiene Program	O 440.1 N 251.4
23. 5480.11 (Chg 3)	06/17/92	Radiation Protection for Occupational Workers	N 251.4
24. 5480.15	12/14/87	Department of Energy Laboratory Accreditation Program for Personnel Dosimetry	N 251.4
25. 5480.17	10/05/88	Site Safety Representatives	N 251.4
26. 5480.18B	08/31/94	Nuclear Facility Training Accreditation Program	
27. 5480.19 (Chg 1)	05/18/92	Conduct of Operations Requirements for DOE Facilities	
28. 5480.20A	11/15/94	Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities	
29. 5480.21	12/24/91	Unreviewed Safety Questions	
30. 5480.22 (Chg 1)	09/15/92	Technical Safety Requirements	
31. 5480.23 (Chg 1)	03/10/94	Nuclear Safety Analysis Reports	
32. 5480.24	08/12/92	Nuclear Criticality Safety	N 251.4
33. 5480.25	11/03/92	Safety of Accelerator Facilities	
34. 5480.26	01/15/93	Trending and Analysis of Operations Information Using Performance Indicators	O 210.1 O 231.1 ¹ N 251.4
35. 5480.28	01/15/93	Natural Phenomena Hazards Mitigation	N 251.4
36. 5480.29	01/15/93	Employee Concerns Management System	
37. 5480.30	01/19/93	Nuclear Reactor Safety Design Criteria	
38. 5480.31	09/15/93	Startup and Restart of Nuclear Facilities	O 425.1 N 251.4
39. 5481.1B (Chg 1)	05/19/87	Safety Analysis and Review System	N 251.4
40. 5482.1B (Chg 1)	11/18/91	Environment, Safety, and Health Appraisal Program	

Note 1: New Order cancels old Order partially
12/06/95
WWS-95-212

TABLE A.2

DOE ORDERS OF INTEREST TO THE BOARD

ORDER (CHANGE)	ORDER (CHANGE) DATE	TITLE	NEW ORDER (O) CANCELLATION NOTICE (N)
41. 5483.1A	06/22/83	Occupational Safety and Health Program for DOE Contractor Employees at Government-Owned Contractor-Operated Facilities	O 231.1 ¹ O 440.1 N 251.4
42. 5484.1 (Chg 7)	10/17/90	Environmental Protection, Safety, and Health Protection Information Reporting Requirements	O 225.1 ¹ O 231.1 ¹
43. 5500.1B (Chg 1)	02/27/92	Emergency Management System	O 151.1
44. 5500.2B (Chg 1)	02/27/92	Emergency Categories, Classes, and Notification and Reporting Requirements	O 151.1
45. 5500.3A (Chg 1)	02/27/92	Planning and Preparedness for Operational Emergencies	O 151.1
46. 5500.4A	06/08/92	Public Affairs Policy and Planning Requirements for Emergencies	O 151.1
47. 5500.7B	10/23/91	Emergency Operating Records Protection Program	O 151.1
48. 5500.10 (Chg 1)	02/27/92	Emergency Readiness Assurance Program	O 151.1
49. 5632.11	09/15/92	Physical Protection of Unclassified Irradiated Reactor Fuel in Transit	Cancelled by 5632.1C (07/15/94)
50. 5700.6C	08/21/91	Quality Assurance	
51. 5820.2A	09/26/88	Radioactive Waste Management	
52. 6430.1A	04/06/89	General Design Criteria	O 430.1

Note 1: New Order cancels old Order partially
12/06/95
WWS-95-212

TABLE A.3

DOE WEAPON SENSITIVE ORDERS UNDER BOARD RECOMMENDATION 93-1

ORDER (CHANGE)	ORDER (CHANGE) DATE	TITLE	COMMENT
1. 5530.1A	09/20/91	Accident Response Group	Weapon Sensitive Order
2. 5530.2	09/20/91	Nuclear Emergency Search Team	Weapon Sensitive Order
3. 5530.3 (Chg 1)	04/10/92	Radiological Assistance Program	Weapon Sensitive Order
4. 5530.4	09/20/91	Aerial Measuring System	Weapon Sensitive Order
5. 5600.1	06/27/79	Management of Department of Energy Weapon Program and Weapon Complex	Weapon Sensitive Order
6. 5610.10	10/10/90	Nuclear Explosive and Weapon Safety Program	Weapon Sensitive Order
7. 5610.11	10/10/90	Nuclear Explosive Safety	Weapon Sensitive Order
8. 5610.12	07/26/94	Packaging and Offsite Transportation of Nuclear Components, and Special Assemblies Associated with the Nuclear Explosive and Weapon Sensitive Program	Weapon Sensitive Order
9. 5610.13	10/10/90	Joint Department of Energy/Department of Defense Nuclear Weapon System Safety, Security, and Control Activities	Weapon Sensitive Order

SECTION B
90-2 QUARTERLY STATUS REPORTS FOR INDIVIDUAL DP SITES

B.1 DP HEADQUARTERS

90-2 QUARTERLY STATUS REPORT

July 1, 1995 - September 30, 1995

DP HEADQUARTERS

1. **Site:** DOE Headquarters
 2. **Facility:** Defense Programs (DP)
 3. **Report Type:** 90-2 Quarterly Status Report
 4. **Report Period:** July 1, 1995 - September 30, 1995
 5. **Status:**
- 5.1 Order Compliance Self-Assessment**

The status of the DP-HQ Order Compliance Self-Assessment (OCSA) as of September 30, 1995 is provided in Table B.1 for the 51 Orders initially included in the OCSA effort and DOE Order 5480.31, "Startup and Restart of Nuclear Facilities," and in Table B.2 for the nine weapon sensitive Orders that are within the scope of Board Recommendation 93-1 and for which the OCSA has been completed in accordance with the 90-2 process. The Phase 1 OCSA has been completed for all of the above Orders.

Corrective actions for noncompliances are identified in compliance schedule approval requests CSA-3 through CSA-5 as listed in Table B.3; some corrective actions have been completed and closure memoranda are in preparation. Table B.3 also lists the exemption requests EX-1, EX-3, EX-4 and EX-5.

The development of Defense Programs Operations Manual (DPOM) procedures, as the corrective action for the remaining noncompliances, has been on hold since the last quarter, pending completion of revisions to the DOE Orders. DP-HQ is also considering a resolution of these noncompliances and existing exemption requests based on a determination of the safety significance of the noncompliances and the value added.

5.2 Standards and Requirements Information Database (STRIDE)

DP-HQ uses STRIDE as the database for its assessment information. The data is entered by contractor and then uploaded on the server by the DP Database Administrator. The majority of assessment information has been entered into STRIDE. During this quarter, the assessment results of 36 requirements was entered into STRIDE; data entry was initiated for all requirements in DOE 5480.31 and the nine

weapon sensitive Orders (Table B.2).

Training in STRIDE Version 2.0 was received at the training session on September 12-14 in Albuquerque, New Mexico.

5.3 FAR Manual

DP-HQ evaluated all noncompliances that resulted from its self-assessments, and in particular those that apply to the FAR Manual, to determine if and what the impact is with respect to the health and safety of workers and the public and to the environment. In general, it has been determined that many of the DP-HQ noncompliances are of a general programmatic nature that have little if any impact on operation of safety related equipment or systems at a facility in the field.

5.4 DOE/DNFSB Interface Workshop

DP management and staff participated in the DOE workshop on interfaces with the DNFSB on September 12 - 13, 1995.

5.5 Issues and Concerns

The development of DPOMs has been impacted by DOE-wide efforts to issue new DOE Orders, to revise the "Manual of Functions, Assignments, and Responsibilities," to develop the "necessary and sufficient" process, and to issue the Implementation Plan for Recommendation 94-5.

The effect of the phaseout and cancellation of old Orders by the issuance of new Orders is being evaluated with respect to the appropriateness and status of existing noncompliances with the old Orders.

5.6 Milestones and Schedules

The Secretary of Energy has committed DOE staff to full compliance with the FAR Manual by December 31, 1995.

**TABLE B.1
DP-HQ PHASE 1 ORDER COMPLIANCE ASSESSMENT STATUS
FOR ORDERS OF INTEREST TO THE BOARD**

ORDER (CHANGE)	ORDER (CHANGE) DATE	TITLE	DP-HQ APPLCBL. YES/NO	PHASE 1 ASSMT. COMPL. YES/NO	ASSESSMENT SCHEDULE/ DATE	COMMENT
1. 1300.2A	05/19/92	Department of Energy Technical Standards Program	Yes	Yes	April 94	3 noncompliances in CSA-5; development of DPOM-FS-301 on hold
2. 1360.2B	05/18/92	Unclassified Computer Security Program	Yes	Yes	April 94	
3. 1540.2 (Chg 1)	12/19/88	Hazardous Materials Packaging for Transport - Administrative Procedures	Yes	Yes	April 94	EX-3 requested for entire Order
4. 1540.3A	07/08/92	Base Technology for Radioactive Material Transportation Packaging Systems	Yes	Yes	April 94	EX-4 requested for entire Order
5. 4330.4B	02/10/94	Maintenance Management Program	Yes	Yes	Sept 95	4330.4A assessed in 93/94
6. 4700.1 (Chg 1)	06/02/92	Project Management System	Yes	Yes	April 94	19 noncompliances in CSA-5; development of DPOM-PP-500 on hold
7. 5000.3B (Chg 1)	07/02/93	Occurrence Reporting and Processing of Operations Information	Yes	Yes	April 94	5000.3B assessed in 93/94; no substantive change in Chg 1
8. 5400.1 (Chg 1)	06/29/90	General Environmental Protection Program	Yes	Yes	April 94	
9. 5400.2A (Chg 1)	01/07/93	Environmental Compliance Issue Coordination	Yes	Yes	April 94	
10. 5400.3 (cancelled)	02/22/89	Hazardous and Radioactive Mixed Waste Program	Yes	Yes	April 94	5400.3 cancelled by DOE N1321.139 (03/25/94)
11. 5400.4	10/06/89	Comprehensive Environmental Response, Compensation, and Liability Act Requirements	Yes	Yes	April 94	5 noncompliances in CSA-5; draft DPOM-EH-720 on hold
12. 5400.5 (Chg 2)	01/07/93	Radiation Protection of the Public and the Environment	Yes	Yes	April 94	

**TABLE B.1
DP-HQ PHASE 1 ORDER COMPLIANCE ASSESSMENT STATUS
FOR ORDERS OF INTEREST TO THE BOARD**

ORDER (CHANGE)	ORDER (CHANGE) DATE	TITLE	DP-HQ APPLCBL. YES/NO	PHASE 1 ASSMT. COMPL. YES/NO	ASSESSMENT SCHEDULE/ DATE	COMMENT
13. 5440.1E	11/10/92	National Environmental Policy Act Compliance Program	Yes	Yes	April 94	61 noncompliances in CSA-5; DPOM-EH-710 completed as corrective action
14. 5480.1B (Chg 5)	05/10/93	Environment, Safety, and Health Program For Department of Energy Operations	Yes	Yes	April 94	3 noncompliances in CSA-5 based on 93/94 assessment; no substantive change in Chg 5; draft DPOM-EH-700, Rev. 1 on hold
15. 5480.3	07/09/85	Safety Requirements for the Packaging and Transportation of Hazardous Materials, Hazardous Substances and Hazardous Wastes	Yes	Yes	April 94	EX-3 requested for entire Order
16. 5480.4 (Chg 4)	01/07/93	Environmental Protection, Safety, and Health Protection Standards	Yes	Yes	April 94	EX-1 requested for 3 noncompliances
17. 5480.5 (cancelled)	09/23/86	Safety of Nuclear Facilities	Yes	Yes	April 94	5480.5 cancelled by DOE N1321.140 (05/02/94)
18. 5480.6	09/23/86	Safety of Department of Energy-Owned Nuclear Reactors	Yes	Yes	April 94	EX-5 requested for 2 noncompliances
19. 5480.7A	02/17/93	Fire Protection	Yes	Yes	April 94	
20. 5480.8A (Chg 1)	10/19/92	Contractor Occupational Medical Program	Yes	Yes	April 94	1 noncompliance in CSA-5; no substantive change in Chg 1; DPOM-EH-751 complete as corrective action
21. 5480.9A	04/13/94	Construction Project Safety and Health Management	No	Yes	Sept 95	5480.9 assessed in 93/94
22. 5480.10	06/26/85	Contractor Industrial Hygiene Program	Yes	Yes	April 94	EX-1 requested for 1 noncompliance
23. 5480.11 (Chg 3)	06/17/92	Radiation Protection for Occupational Workers	Yes	Yes	April 94	

**TABLE B.1
DP-HQ PHASE 1 ORDER COMPLIANCE ASSESSMENT STATUS
FOR ORDERS OF INTEREST TO THE BOARD**

ORDER (CHANGE)	ORDER (CHANGE) DATE	TITLE	DP-HQ APPLCBL. YES/NO	PHASE 1 ASSMT. COMPL. YES/NO	ASSESSMENT SCHEDULE/ DATE	COMMENT
24. 5480.15	12/14/87	Department of Energy Laboratory Accreditation Program for Personnel Dosimetry	Yes	Yes	April 94	
25. 5480.17	10/05/88	Site Safety Representatives	No	Yes	April 94	
26. 5480.18B	08/31/94	Nuclear Facility Training Accreditation Program	Yes	Yes	Sept 95	5480.18A assessed in 93/94; 3 noncompliances in CSA-5; DPOM-AD-820 complete as corrective action
27. 5480.19 (Chg 1)	05/18/92	Conduct of Operations Requirements for DOE Facilities	Yes	Yes	April 94	
28. 5480.20A	11/15/94	Personnel Selection, Qualification and Training Requirements for DOE Nuclear Facilities	Yes	Yes	Sept 95	5480.20 assessed in 93/94; 2 noncompliances in CSA-5; DPOM-AD-825 complete as corrective action
29. 5480.21	12/24/91	Unreviewed Safety Questions	Yes	Yes	April 94	
30. 5480.22 (Chg 1)	09/15/92	Technical Safety Requirements	Yes	Yes	April 94	1 noncompliance in CSA-5; no substantive changes in Chg 1; development of DPOM-FS-330, Rev. 1 on hold
31. 5480.23 (Chg 1)	03/10/94	Nuclear Safety Analysis Reports	Yes	Yes	April 94	5480.23 assessed in 93/ 94; no substantive changes in Chg 1
32. 5480.24	08/12/92	Nuclear Criticality Safety	Yes	Yes	April 94	
33. 5480.25	11/03/92	Safety of Accelerator Facilities	Yes	Yes	April 94	3 noncompliances in CSA-5; development of DPOM-PP-500 and DPOM-SS-910 on hold
34. 5480.26	01/15/93	Trending and Analysis of Operations Information Using Performance Indicators	Yes	Yes	April 94	4 noncompliances in CSA-5; development of DPOM-FS-314 on hold

TABLE B.1
DP-HQ PHASE 1 ORDER COMPLIANCE ASSESSMENT STATUS
FOR ORDERS OF INTEREST TO THE BOARD

ORDER (CHANGE)	ORDER (CHANGE) DATE	TITLE	DP-HQ APPLCBL. YES/NO	PHASE 1 ASSMT. COMPL. YES/NO	ASSESSMENT SCHEDULE/ DATE	COMMENT
35. 5480.28	01/15/93	Natural Phenomena Hazards Mitigation	Yes	Yes	April 94	3 noncompliances in CSA-5; DP/EM Instructions completed as corrective action for 1 noncompliance; development of DPOM-FS-304 for 2 noncompliances on hold
36. 5480.29	01/15/93	Employee Concerns Management System	Yes	Yes	April 94	129 noncompliances in CSA-5; draft DPOM-EH-715 on hold
37. 5480.30	01/19/93	Nuclear Reactor Safety Design Criteria	Yes	Yes	April 94	1 noncompliance in CSA-5; draft DPOM-FS-311, Rev. 1 on hold
38. 5480.31	09/15/93	Startup and Restart of Nuclear Facilities	Yes	Yes	May 95	
39. 5481.1B (Chg 1)	05/19/87	Safety Analysis and Review System	Yes	Yes	April 94	1 noncompliance in CSA-5; draft DPOM-FS-311, Rev. 1 on hold
40. 5482.1B (Chg 1)	11/18/91	Environment, Safety, and Health Appraisal Program	Yes	Yes	April 94	No substantive changes in Chg 1
41. 5483.1A	06/22/83	Occupational Safety and Health Program for DOE Contractor Employees at Government-Owned Contractor-Operated Facilities	Yes	Yes	April 94	
42. 5484.1 (Chg 7)	10/17/90	Environmental Protection, Safety, and Health Protection Information Reporting Requirements	Yes	Yes	April 94	2 noncompliances in CSA-5; draft DPOM-FS-740 on hold
43. 5500.1B (Chg 1)	02/27/92	Emergency Management System	Yes	Yes	April 94	1 noncompliance in CSA-3, 1 noncompliance in CSA-5; 5500.1B assessed in 93/ 94; no substantive change in Chg 1; DP-HQ Emergency Management Plan complete as corrective action

TABLE B.1
DP-HQ PHASE 1 ORDER COMPLIANCE ASSESSMENT STATUS
FOR ORDERS OF INTEREST TO THE BOARD

ORDER (CHANGE)	ORDER (CHANGE) DATE	TITLE	DP-HQ APPLCBL. YES/NO	PHASE 1 ASSMT. COMPL. YES/NO	ASSESSMENT SCHEDULE/ DATE	COMMENT
44. 5500.2B (Chg 1)	02/27/92	Emergency Categories, Classes, and Notification and Reporting Requirements	Yes	Yes	April 94	5500.2B assessed in 93/ 94; no substantive change in Chg 1
45. 5500.3A (Chg 1)	02/27/92	Planning and Preparedness for Operational Emergencies	Yes	Yes	April 94	5500.3A assessed in 93/ 94; no substantive change in Chg 1
46. 5500.4A	06/08/92	Public Affairs Policy and Planning Requirements for Emergencies	No	Yes	April 94	Order not applicable to DP-HQ
47. 5500.7B	10/23/91	Emergency Operating Records Protection Program	Yes	Yes	April 94	
48. 5500.10 (Chg 1)	02/27/92	Emergency Readiness Assurance Program	Yes	Yes	April 94	
49. 5632.11 (cancelled)	09/15/92	Physical Protection of Unclassified Irradiated Reactor Fuel in Transit	No	Yes	April 94	5632.11 cancelled by 5632.1C (07/15/94)
50. 5700.6C	08/21/91	Quality Assurance	Yes	Yes	April 94	1 noncompliance in CSA-4; DP-HQ QA Management Plan complete as corrective action
51. 5820.2A	09/26/88	Radioactive Waste Management	Yes	Yes	April 94	
52. 6430.1A	04/06/89	General Design Criteria	Yes	Yes	April 94	

TABLE B.2
DOE WEAPON SENSITIVE ORDERS UNDER RECOMMENDATION 93-1

ORDER (CHANGE)	ORDER (CHANGE) DATE	TITLE	DP-HQ APPLCBL. YES/NO	PHASE 1 ASSMT. COMPL. YES/NO	ASSESSMENT SCHEDULE/ DATE	COMMENT
1. 5530.1A	09/20/91	Accident Response Group	Yes	Yes	April 95	Weapon Sensitive Order
2. 5530.2	09/20/91	Nuclear Emergency Search Team	Yes	Yes	April 95	Weapon Sensitive Order
3. 5530.3 (Chg 1)	4/10/92	Radiological Assistance Program	Yes	Yes	May 95	Weapon Sensitive Order
4. 5530.4	09/20/91	Aerial Measuring System	Yes	Yes	May 95	Weapon Sensitive Order
5. 5600.1	06/27/79	Management of Department of Energy Weapon Program and Weapon Complex	Yes	Yes	April 95	Weapon Sensitive Order
6. 5610.10	10/10/90	Nuclear Explosive and Weapon Safety Program	Yes	Yes	April 95	Weapon Sensitive Order; 1 noncompliance; Order to be revised
7. 5610.11	10/10/90	Nuclear Explosive Safety	Yes	Yes	April 95	Weapon Sensitive Order
8. 5610.12	07/26/94	Packaging and Offsite Transportation of Nuclear Components, and Special Assemblies Associated with the Nuclear Explosive and Weapon Sensitive Program	Yes	Yes	April 95	Weapon Sensitive Order; 1 noncompliance; Order to be revised
9. 5610.13	10/10/90	Joint Department of Energy/Department of Defense Nuclear Weapon System Safety, Security, and Control Activities	Yes	Yes	April 95	Weapon Sensitive Order

TABLE B.3
DP-HQ REQUESTS FOR DOE APPROVAL (RFA) STATUS

RFA NUMBER	LAST MILESTONE COMPLETED	NEXT MILESTONE TO BE COMPLETED	COMMENT
CSAs			
1. DPOF-DOE-5480.6-CSA-1	DP-1 Approval 01/10/92; DP Closure 08/04/94	none	Corrective Actions complete; development of DPOM-EI-600 replaced by EX-5; development of DPOM-FS-311 and EH-740 transferred to CSA-5
2. DPOF-DOE-5000.3A-CSA-2	DP-1 Approval 01/10/92; DP Closure 08/04/94	none	Corrective Actions complete; preparation of delegation of authority memo transferred to CSA-5 as development of DPOM-EH-740
3. DPOF-DOE-5610.11-CSA-3	DP-1 Approval 01/10/92	DP Closure 9/95 (revised date)	Corrective Actions completed; prepare closure memo
4. DPOF-DOE-5700.6C-CSA-4	DP-1 Approval 01/10/92	DP Closure 9/95 (revised date)	Corrective Actions completed; prepare closure memo
5. DPOF-DOE-5400.3-CSA-5	DP-1 Approval 05/21/94	DP Closure 12/95 (revised date)	CSA-5 includes numerous noncompliances with development of 16 DPOMs and 1 procedure as the corrective actions; 4 DPOMs and procedure has been completed; development of other DPOMs on hold
EXs			
1. DPOF-DOE-5480.4-EX-1	DP-1 Approval 06/10/94; DP-1 Request for EH-1 Approval 06/01/94	EH-1 Approval	EX-1 for 3 requirements in DOE 5480.4 and 1 requirement in 5480.10 related to exemption requests from field offices. The EX is currently being discussed with EH staff.
2. EX-2 was not initiated	N.A.	N.A.	N.A.
3. DPOF-DOE-1540.2-EX-3	DP-1 Approval 06/10/94; DP-1 Request for EH-1 Approval 06/11/94	EH-1 Approval	EX-3 for DOE 1540.2 and DOE 5480.3. The EX is currently being discussed with EH staff.
4. DPOF-DOE-1540.3A-EX-4	DP-1 Approval 06/10/94; DP-1 Request for EM-1 Approval 06/01/94	EM-1 Approval	EX-4 for requirements in DOE 1540.3A. The EX is currently being discussed with EH staff.
5. DPOF-DOE-5480.5-EX-5	DP-1 Approval 06/10/94; DP-1 Request for EH-1 Approval 06/01/94	EH-1 Approval	EX-5 for requirements in DOE 5480.5 and DOE 5480.6. Partial Closure (08/08/94) due to cancellation of DOE 5480.5. The EX is currently being discussed with EH staff.

B.2 ALBUQUERQUE OPERATIONS OFFICE

90-2 QUARTERLY STATUS REPORT

July 1, 1995 - September 30, 1995



Albuquerque Operations Office

**90-2 Defense Nuclear Facilities Safety Board
Quarterly Status Report**

July 1, 1995 - September 30, 1995

**Prepared by
Performance Assessment Division**

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1.0 Activity Summaries for Management & Operating Sites

The management and operating contractors (M&O) at their respective sites have completed or are currently working to, the Order module releases for their site-wide and facility-specific self-assessments as listed below.

Site	Working to Order Module
Los Alamos National Laboratory	
Institution (Site-wide)	October 1993
Facilities	October 1993
Pantex Plant	
Site-wide	February 1995
Facilities	February 1995
Sandia National Laboratories	
Site-wide	December 1991
Facilities	August 1993

1.1 University of California - Los Alamos National Laboratory

Order Assessment Status

Order Compliance Self-Assessment Phase 1

Phase 1 objectives, as described in the Department of Energy (DOE) approved Los Alamos National Laboratory (LANL) Order Compliance Self Assessment (OCSA) Program Plan dated December 22, 1993, have been completed.

Order Compliance Self-Assessment Phase 2

LANL is utilizing their Line Management Self-Assessment Program, as well as their Independent Assessment Office, to assess operational performance work on the Laboratory's Integrated Standards-Based Management System (LISBMS). Results from the Phase I assessment are being utilized during development of the LISBMS.

A hoisting and rigging assessment was conducted at LANL in July, and included the following facilities:

- Plutonium Facility (TA-55),
- Chemical Metallurgical Research Facility (CMR), and
- Weapons Engineering Tritium Facility (WETF).

Compliance Assessment Database Status

No change.

Standards/Requirements Identification Documents (S/RID)

LANL is continuing work on the LISBMS plan, which will incorporate performance objectives and criteria (POCs) into a standards and performance-based management system. By incorporating the POCs, which are linked to applicable environment, safety and health (ES&H) order statements, as well as national consensus standards, applicable laws, and regulations, the Laboratory believes that the LISBMS will not only fulfill, but exceed the intent of the DOE's Standards/Requirements program.

The Laboratory realizes that the transition from current operations into LISBMS must be made seamlessly. This will be accomplished by assuring that the performance of operations is continually assessed, both by self-assessments and independent assessments.

Further refinement and definition of the LISBMS system is currently being explored as part of the response to the April 28, 1995 letter from the Defense Nuclear Facilities Safety Board (DNFSB).

Requests For Approval

(See Section 4.0 for detailed listing.)

During this quarter at Los Alamos National Laboratory:

- Sixteen Compliance Schedule Approvals (CSAs) were approved by the Department of Energy, Albuquerque (DOE/AL).
- Six CSAs were disapproved by DOE/AL.
- A total of 12 CSAs are in the revision process.

LANL is currently coordinating line management review of their CSAs. Their review is designed to identify and eliminate "non-value added" CSAs, and CSAs that duplicate actions delineated and tracked by other formal mechanisms (for example, rule implementation plans, and so on).

Issues/Concerns

None.

Schedule Changes

None.

1.2 Mason & Hanger, Silas Mason Co., Inc. - Pantex Plant

Order Assessment Status

Site Level

- Twenty-six Order self-assessments are currently being updated and validated.
- Seventeen Orders were assessed and the results submitted to the Amarillo Area Office (AAO).
- Three Order self-assessments are currently being updated.

Facility Level

- Self-assessment results are currently being reviewed by Mason and Hanger (M&H) for bays, cells, and five DOE designated nonreactor nuclear facilities. Discrepancies resulting from the validation are being reviewed with facility managers. This is addressed further in the Issues/Concerns section.

Compliance Assessment Database Status

Version 1.1 of the Standards Requirements Implementation Database (STRIDe) is now operational on the network, and is available to select employees. Site-wide self-assessment data are currently being entered into STRIDe.

Standards/Requirements Identification Documents

The Standards Based Management Strategic Action Plan was prepared this quarter and will be submitted to DOE/AAO in early October. This document represents Mason & Hanger's plan for development of S/RIDs, management of S/RIDs, management of S/RIDs administrative and adherence assessments, and completion of the Order Compliance Self-Assessment effort. In support of this Plan, functional area subject matter expert teams are being formulated. Teams will be trained on the S/RID development process, apply this process to their specific area(s) of expertise, and document the results. The Strategic Action Plan is supported by Mason & Hanger's S/RIDs Program Plan which details S/RIDs development activity.

Requests For Approval

(See Section 4.0 for detailed listing.)

During this quarter at the Pantex Plant:

- Two exemptions were approved by the Department of Energy Headquarters (DOE/HQ).
- One CSA and one exemption request in review at DOE/AL.
- Two CSAs and one exemption request in review DOE/AAO.

Issues/Concerns

Facility-specific order compliance Phase 1 assessments were conducted by the Facility Managers and completed in March 1995. Validations of these efforts indicate that the results are not accurate and will require a significant amount of rework to provide confidence that the data is both accurate and adequate. Lessons learned indicate that it is not cost effective to recover from these problems as a focused facility-specific effort. That is, more resources are required to classify the requirements and re-perform the assessment for each facility than are needed to develop S/RIDs. The Standards Based Management Strategic Plan recognizes this and identifies the need to properly classify (such as site versus facility) requirements during S/RID development. Mason & Hanger has proposed to DOE/AAO that the facility-specific order compliance activities be discontinued, that the site-wide Phase 1 validation efforts continue, and that efforts be focused on the S/RID development program.

The lessons learned from the facility-specific order compliance self-assessment effort have indicated that to ensure success in the S/RID for the bays and cells, a valid site-wide S/RID must first be established. However, resources do not allow for the development of a site-wide S/RID as well as S/RIDs for the bays and cells (disassembly activities) in time to meet the current commitment of December 1995. Schedule changes are currently being negotiated with DOE/AAO.

Schedule Changes

Future plans for the facility-specific order compliance self-assessments are being negotiated with DOE/AAO. Schedule delays to the development of the S/RID for the bays and cells are being negotiated with DOE/AAO through development of the Standards Based Management Strategic Plan.

1.3 Lockheed Martin - Sandia National Laboratories

Order Assessment Status

The first annual assessment of the Annular Core Research Reactor was completed, as well as the Compliance Status Report for the Sandia Pulsed Reactor I & II. Results for both were forwarded to the Acting Area Manager for the DOE/Kirtland Area Office (KAO), on July 31, 1995.

Compliance Assessment Database Status

Sandia National Laboratories (SNL) is currently using the August 1993, version of the Requirements Self-Assessment Database (RSAD), but is also attempting to convert the RSAD database to STRIDe 2.0. Department 10104 (Product Assurance) will send its Systems Operator and its STRIDe administrator to a training class of FoxPro to facilitate the conversion.

Representatives from Dept. 10104 and SNL's Department 10106 (Appraisal Management) attended the new STRIDe 2.0 training class held in Albuquerque on September 12-14, 1995. Those participants will train other personnel on STRIDe 2.0 in late October. Plans are being developed to expand the training program.

Standards/Requirements Identification Documents

SNL is currently drafting a S/RID Implementation Plan. A third draft of the Implementation Plan is currently undergoing review by the SNL S/RID Working Group. The Plan is scheduled for completion by October 31, 1995.

Requests For Approval

(See Section 4.0 for detailed listing.)

During this quarter at Sandia National Laboratories:

- A total of twenty-six CSAs are in revision.
- A total of twenty-one CSAs have been approved, 9 of which are complete.
- A total of twenty-five CSAs have been canceled.

Issues/Concerns

SNL is working on the conversion of data from RSAD to STRIDe 2.0.

Schedule Changes

DOE/KAO granted SNL an extension to October 31, 1995, for completion of its S/RID Implementation Plan.

1.4 AlliedSignal Aerospace Co., Kansas City Plant

The Kansas City Plant (KCP) has been conducting a pilot program in conjunction with DOE to convert the plant to appropriate industrial standards, where possible. The goal is to verify the associated cost savings and maintenance of acceptable ES&H performance levels when driven by industry standards. As part of this process, KCP adopted ISO 9001, which is an international standard governing quality systems. Certification of compliance with ISO 9001 is being conducted by an independent third party, requires periodical audits every six months, and a certification audit every three years. KCP conducted pre-assessments in July 1994 and February 1995 to identify and correct problems that could have precluded their ISO 9001 certification. KCP received their ISO 9001 certification on April 21, 1995.

KCP continues to analyze and review DOE Orders that may be candidates for elimination, reduction, or substitution by industrial standards, and continues to define industrial standards that may be adopted for use at KCP. They are moving forward to meet the goal of delivering a plan to transition KCP to an industrial standards basis by January 1, 1996.

AL believes that the intent of the S/RID is being met through the commitment of KCP to implement the industrial standards practice and comply with all remaining applicable DOE Orders and Directives.

Requests for Approval

(See Section 4.0 for detailed listing.)

During this quarter at the Kansas City Plant:

- One exemption is under review at DOE/HQ.

Compliance Assessment Database

Command Media is currently being used to capture policy statements, regulations, orders, notices, manuals, adopted standards, and associated operating procedures.

1.5 Lockheed Martin Specialty Components - Pinellas Plant

Lockheed Martin Specialty Components (LMSC) has efficiently and appropriately requested exemptions to better utilize their limited resources.

Requests for Approvals

(See Section 4.0 for detailed listings.)

During this quarter at Pinellas Plant:

- One exemption is being reviewed at the Pinellas Area Office.
- Two exemptions are being reviewed at DOE/AL.
- Four exemptions are being reviewed at DOE/HQ.

2.0 Activity Summaries for Albuquerque Operations Office and Area Offices

The DOE/AL and its Area Offices have completed, or are currently working to, the following Order module releases for their site-wide self-assessments.

AL	Working to Order Module
Albuquerque Operations Office	June 1993
Amarillo Area Office	April 1993
Kirtland Area Office	June 1993
Los Alamos Area Office	June 1993

2.1 Albuquerque Operations Office

Order Assessment Status

The Albuquerque Operations Office and KAO have completed review of Orders 5480.29 and 4330.3B. The review consisted of re-evaluating the Order requirements, along with the review of the Functions, Assignment and Responsibility (FAR) Manual, to clearly define ownership of roles and responsibilities. The AAO began its own Roles and Responsibilities review and forwarded a copy of the results to AL. These results were also reviewed during the AL and KAO sessions.

Meeting results are in the process of being entered into the STRIDe database, and will be forwarded to the subject matter experts (SMEs) for review. Once reviewed by the SMEs, the results will then be sent to AL and KAO managers for approval.

Compliance Assessment Database Status

AL is using STRIDe v2.0 to flag Order requirements that need reassessment based on the results of role and responsibilities activity being conducted with KAO. In addition, the functional area reports from STRIDe v2.0 are being used to provide the criteria for selection and development of performance objectives and measures. These performance objectives, criteria, and measures form the basis for AL multi-functional assessment plans.

A STRIDe v2.0 training class was organized and hosted by AL on September 9-12, 1995. The Department of Energy, Headquarters, Defense Programs (HQ/DP) sponsored TRESP personnel from Oak Ridge to provide instruction. Approximately 30 attendees from throughout the DOE complex received training on STRIDe v2.0. All agreed that v2.0 was a step forward, offering significant improvements over the previous version.

Requests for Approvals

None.

Standards/Requirement Identification Documents

AL has received and reviewed AAO's proposal outlining roles and actions expected during the development and approval of Mason & Hanger's S/RIDs. Receipt of SNL's implementation plan for development of their nuclear facility S/RIDs is expected in November 1995.

Issues/Concerns

None.

Schedule Changes

None.

2.2 Amarillo Area Office**Order Assessment Status**

Procedures have been developed to implement requirements in the forty-three DOE Orders of interest to the DNFSB applicable to the Amarillo Area Office.

Phase 1

The validation of AAO procedures as reported in the April - June 1995 90-2 Quarterly Report continues.

Phase 2 Order Compliance Self-Assessment Plan Development

A self-assessment on Waste Management programs was completed in August 1995 and another on the Training and Qualification program was completed in September 1995. The lessons learned from these two self-assessments are currently being incorporated into the AAO procedure for the AAO Self-Assessment Program. The procedure is expected to be finalized in October 1995.

Compliance Assessment Database Status

No change from last reporting period.

Requests for Approval

During this quarter at the Amarillo Area Office:

- The procedure upgrade effort (AMAO-DOE-0000-CSA-32) has been closed and a closure notification provided to AL.
- Construction of the New Emergency Operations Center continues for AMAODOE-5500.2B-CSA-11 and AMAO-DOE-5500.1B-CSA-30.

Standards/Requirements Identification Documents

None.

Issues/Concerns

None.

Schedule Changes

The AAO Procedure for Self-Assessments, and revisions to the AAO Procedures for Assessments and Surveillances have been delayed due to issues related to the level of detail that will be included and to ensure consistency in reporting results. It is anticipated that these procedures and revisions to procedures will be completed during the next quarter.

2.3 Kirtland Area Office

Order Assessment Status

KAO has completed the 1991-1992 baseline assessment and is in the process of updating this by reassessing the Orders of Interest to the DNFSB. The following DOE Orders have been reassessed: 1540.2A, 1540.3A, 3790, 4330.1A, 5440.1A, 5480.4, 5480.7A, 5480.8A, 5480.9A, 5480.10, 5480.16A, 5483.1A, 5484.1.

KAO is also working with AL to establish and document the Environment, Safety and Health oversight Roles and Responsibilities for KAO, as well as the AL Order Compliance Self-Assessment. The review of Orders 4330.3B and 5480.29 has been completed and in most cases a decision was made on which office was responsible for fulfilling the requirements of the orders. There were a few instances where further reviews will be necessary at a later date.

Compliance Assessment Database Status

The KAO is working with STRIDe v1.1 and, upon completion of the STRIDe v2.0 Beta testing, will switch to STRIDe v2.0.

Requests for Approval

None.

Standards/Requirement Identification Documents

The KAO is not developing Area Office-specific S/RIDs at this time, pending resolution of the reorganization of KAO mission and duties.

Issues/Concerns

The KAO staff dedicated to Order Compliance and S/RIDs is extremely limited. A support contractor has been available during FY95 for the first time, and that support has proven invaluable. However, budget cutbacks will severely limit continued support for FY96 and beyond.

Schedule Changes

None.

2.4 Kansas City Area Office

An AlliedSignal/Kansas City Area Office (KCAO) Total Quality Team is nearing completion of work on a standards list which will be specific to the site and in support of the current Management and Operating contract. This list will be maintained through the Kansas City Plant's computer program Command Media, and updated weekly. AlliedSignal, KCAO, and Albuquerque Operations Office counterparts are working on establishing relevant industrial standards for KCP. Upon approval, the site will transition to industrial standards similar to general industry in the private sector.

2.5 Los Alamos Area Office

Order Assessment Status

None.

Compliance Assessment Database Status

None.

Requests for Approval

None.

Standards/Requirements Identification Documents

None.

Issues/Concerns

None.

Schedule Changes

None.

2.6 Pinellas Area Office

The Pinellas Area Office (PAO) continues to work on a graded approach to ensure appropriate coverage is maintained until safe shutdown status is accomplished. The PAO has a process by which all Orders, changes, and revisions are assessed and a monthly performance indicator to track PAO's success.

3.0 Program Activities Status

AL has continued to work with laboratory and contractor personnel on standards-based initiatives. The development of integrated safety management systems and performance objectives, criteria, and measures for the oversight pilots at the laboratories has been the primary area of focus for this reporting period. AL was assigned lead responsibility for working with laboratory, HQ, and DNFSB personnel in determining an appropriate path forward to achieve integrated safety management systems and in analyzing possible consolidation/closure of overlapping DNFSB recommendations. In addition, AL worked very closely with KCP and LANL to ensure proper completion of their necessary and sufficient pilot programs. Both KCP and LANL have presented their results to date to the Department Standards Committee.

4.0 Requests for Approval Status

Status of RFAs of Interest for the Quarter Ending September 30, 1995

Location	In Review at DOE			This Quarter		Grand Total		
	AO	AL	HQ	Disapproved	Approved	In Revision	Canceled	Approved
ASKC CSAs	0	0	0	0	0	1	1	10
EXs	0	0	1	0	0	0	0	2
LANL CSAs	0	5	0	6	16	1	4	42
EXs	0	0	0	0	0	0	0	0
MHPP CSAs	2	2	0	0	0	0	32	11
EXs	1	1	0	1	2	0	1	2
PINP CSAs	0	0	0	0	0	4	0	13
EXs	1	2	4	2	0	0	6	3
SNL CSAs	0	0	0	0	0	26	25	21
EXs	0	0	0	0	0	0	0	0
Total CSAs	2	7	0	6	16	32	62	97
EXs	2	3	5	3	2	0	7	7

RFAs which are open or have had activity this quarter are listed below. "Open" refers to CSAs that are in the development or review process or those with uncompleted corrective actions.

RFA Number	Title	Status
AlliedSignal - Kansas City Plant		
ASKC-DOE-5500.3A-CSA-8	Emergency Plans & Implementing Procedures	Approved by AL 10/15/93; Waiting for consolidation of CSAs 8, 9, 12, & 13 into 8A.
University of California - Los Alamos National Laboratory		
LANL-DOE-5820.2A-CSA-I010	Institutional Waste Management	AL disapproved 9/1/95
LANL-DOE-5820.2A-CSA-I011	Institutional Waste Management	AL disapproved 9/1/95
LANL-DOE-5480.2A-CSA-I012	Institutional Waste Management	AL disapproved 9/1/95
LANL-DOE-5480.2A-CSA-I013	Institutional Waste Management	AL approved 9/5/95
LANL-DOE-5480.24-CSA-I025A	Safety of Accelerator Facilities	AL disapproved 6/7/95; Revision requested
LANL-DOE-5400.1-CSA-I033	Environmental Protection	AL approved 7/12/95
LANL-DOE-5400.1-CSA-I034	Environmental Protection	AL approved 7/12/95
LANL-DOE-5400.1-CSA-I035	Environmental Protection	AL approved 7/12/95
LANL-DOE-5400.1-CSA-I036	Environmental Protection	AL approved 7/12/95
LANL-DOE-5400.1-CSA-I037	Environmental Protection	AL approved 7/12/95

RFA Number	Title	Status
LANL-DOE-5400.5-CSA-I038	Rad Protection of Public and Environment	At AL for review 6/19/95
LANL-DOE-5400.1-CSA-I040	Environmental Protection	AL approved 7/12/95
LANL-DOE-5400.5-CSA-I041	Radiation Protection	At AL for review 6/19/95
LANL-DOE-5400.1-CSA-I042	Envmntl Protection/Dose Evaluations	AL approved 7/12/95
LANL-DOE-5400.5-CSA-I043	Radiation Protection	At AL for review 6/19/95
LANL-DOE-5820.2A-CSA-I044	Institutional Waste Management	AL disapproved 9/1/95
LANL-DOE-5400.1-CSA-I045	General Environmental Protection Program	AL approved 7/12/95
LANL-DOE-5400.1-CSA-I046A (I046)	Environmental Protection	AL approved 7/12/95
LANL-DOE-5400.1-CSA-I046B (I048)	Environmental Protection	AL approved 7/12/95
LANL-DOE-5400.1-CSA-I046C (I049)	Environmental Protection	AL approved 7/12/95
LANL-DOE-5480.22-CSA-T001	Technical Safety Requirements	AL approved 7/10/95
LANL-DOE-5480.23-CSA-T002	Nuclear Safety Analysis Reports	At AL for review 9/18/95
LANL-DOE-5820.2A-CSA-T003	Radioactive Waste Management	AL approved 9/5/95
LANL-DOE-5700.6C-CSA-V005	Quality Assurance	AL approved 7/28/95
LANL-DOE-5480.19-CSA-V018	Conduct of Operations for DOE Facilities	AL approved 8/15/95
LANL-DOE-5480.19-CSA-V019	Conduct of Operations for DOE Facilities	AL disapproved 8/14/95 exemption recommended
LANL-DOE-5480.19-CSA-V020	Conduct of Operations for DOE Facilities	AL disapproved 8/14/95 exemption recommended
LANL-DOE-5480.21-CSA-V021	Conduct of Operations	At AL for review 5/8/95
Mason & Hanger, Silas Mason Co., Inc. - Pantex Plant		
MHPP-DOE-5480.8A-CSA-74C	Wellness Program	At AL review
MHPP-DOE-5480.8A-CSA-75B	Staffing and Facilities	At AAO review 8/11/95
MHPP-DOE-5480.8A-CSA-76	Access to Medical Library	At AL for review 5/9/95
MHPP-DOE-5480.8A-CSA-77B	Medical Quality Plan	At AAO for review 8/15/95
Exemptions		
MHPP-DOE-5480.7A-EX-2	Implementation of NFPA 25 Standard	At AAO for review 9/6/95
MHPP-DOE-5610.11-EX-3	Termination of PAP Processing or Review	At AL for review
MHPP-DOE-5610.11-EX-4	Nuclear Explosive Safety	Canceled by AAO 9/6/95
MHPP-DOE-10CFR835.1304-EX7	Nuclear Accident Dosimetry	HQ Approved 9/15/95
MHPP-DOE-5480.7A-EX-79	Automatic Fire Suppression	HQ Approved 9/1/95

RFA Number	Title	Status
Lockheed Martin Specialty Components - Pinellas Plant		
PINP-DOE-5480.7-CSA-003	Life Safety Code	AL disapproved 11/20/93; Revision requested
PINP-DOE-5480.10-CSA-006	Occupational Health Hazards Inventory	AL disapproved 2/21/94; Revision requested
PINP-DOE-5500.3A-CSA-011	Compliance with OSHA Standards	AL disapproved 12/30/93; Revision requested
PINP-DOE-4330.4A-CSA-018	Maintenance Mgt Program Feedback	AL disapproved 2/16/94; Revision requested
Exemptions		
PINP-DOE-5500.3A-EX-002A	Accountability for all Facility Personnel	Canceled 8/18/95
PINP-DOE-5400.1-EX-031	General Environmental Protection Program	At HQ for review 12/94
PINP-DOE-5480.23-EX-039A	Safety Analysis Report	At HQ for review 6/20/95
PINP-DOE-5480.21-EX-040A	Unreviewed Safety Questions	At HQ for review 6/20/95
PINP-DOE-5480.22-EX-041A	Technical Safety Requirements	At HQ for review 6/20/95
PINP-DOE-5480.9A-EX-042	Construction Contractor Safety & Health	Canceled 7/14/95
PINP-DOE-5480.28-EX-056	Natural Phenomena Hazards Mitigation	At AL for review 6/20/95
PINP-DOE-5480.31-EX-058	Startup and Restart of Nuclear Facilities	At AL for review 4/25/95
PINP-DOE-5000.3B-EX-061	Occurrence Reporting	At PAO for review 9/29/95
Lockheed Martin - Sandia National Laboratories		
SNL-DOE-5480.3-CSA-0003B	Safety Requirements for Packaging & Transportation of Hazardous Material	AL disapproved 1/29/94; Revision requested
SNL-DOE-5480.10-CSA-0013B	Contractor Industrial Hygiene Program	AL disapproved 11/16/93; Revision requested
SNL-DOE-5480.10-CSA-0014B	Contractor Industrial Hygiene Program	AL disapproved 11/16/93; Revision requested
SNL-DOE-5480.10-CSA-0015B	Contractor Industrial Hygiene Program	AL disapproved 11/16/93; Revision requested
SNL-DOE-5480.10-CSA-0016B	Contractor Industrial Hygiene Program	AL disapproved 11/16/93; Revision requested
SNL-DOE-5480.10-CSA-0018B	Contractor Industrial Hygiene Program	AL disapproved 12/30/93; Revision requested
SNL-DOE-5480.10-CSA-0020B	Contractor Industrial Hygiene Program	AL disapproved 2/10/94; Revision requested
SNL-DOE-5480.10-CSA-0022B	Contractor Industrial Hygiene Program	AL disapproved 12/30/93; Revision requested
SNL-DOE-5480.10-CSA-0027B	Contractor Industrial Hygiene Program	AL disapproved 3/3/94; Revision requested

RFA Number	Title	Status
SNL-DOE-5481.1B-CSA-0028	Environmental Assessment	AL disapproved 2/11/94; Revision requested
SNL-DOE-5400.1-CSA-0033	Groundwater Protection Management	AL disapproved 12/30/93; Revision requested
SNL-DOE-5400.1-CSA-0034A	Environmental Monitoring Program	AL disapproved 12/30/93; Revision requested
SNL-DOE-5400.1-CSA-0036A	NESHAPS for Radionuclides	AL disapproved 12/30/93; Revision requested
SNL-DOE-5400.1-CSA-0038A	Meteorological Programs	AL disapproved 12/30/93; Revision requested
SNL-DOE-5400.1-CSA-0039A	Ambient Air Quality Surveillance Network	AL disapproved 12/30/93; Revision requested
SNL-DOE-5400.1-CSA-0040B	Liquid Radiological Effluent Monitoring	AL disapproved 12/30/93; Revision requested
SNL-DOE-5480.11-CSA-0065B	SNL Rad Protection Implementation	AL disapproved 2/14/94; Revision requested
SNL-DOE-5480.11-CSA-0066B	Internal Dosimetry Implementation	AL disapproved 2/14/94; Revision requested
SNL-DOE-5480.11-CSA-0067B	Workplace Air Sampling & Monitoring	AL disapproved 2/14/94; Revision requested
SNL-DOE-5480.11-CSA-0068B	ALARA Program	AL disapproved 2/14/94; Revision requested
SNL-DOE-5480.11-CSA-0069B	Radiological Hazard Posting & Labeling	AL disapproved 2/14/94; Revision requested
SNL-DOE-5480.20-CSA-0070A	Personnel Selection, Qualifications, Training, and Selection	AL disapproved 3/3/94; Revision requested
SNL-DOE-5400.5-CSA-0071A	Release of Personal Property	AL disapproved 12/30/93; Revision requested
SNL-DOE-5400.5-CSA-0072A	Release of Real Property	AL disapproved 3/3/94; Revision requested
SNL-DOE-5400.5-CSA-0073A	ALARA	AL disapproved 3/3/94; Revision requested
SNL-DOE-5400.5-CSA-0075A	Dose Limit Compliance	AL disapproved 12/30/93; Revision requested
SNL-DOE-5400.5-CSA-0076A	Ambient Air and Meteorological Monitoring	AL disapproved 12/30/93; Revision requested
SNL-DOE-5400.5-CSA-0077A	Records	AL disapproved 12/30/93; Revision requested
SNL-DOE-5500.2B-CSA-0083	Emergency Preparedness	AL disapproved 2/22/94; Revision requested

B.3 NEVADA OPERATIONS OFFICE

90-2 QUARTERLY STATUS REPORT

July 1, 1995 - September 30, 1995

DOE NEVADA OPERATIONS OFFICE

Section I: Orders of Interest to the DNFSB

- 1. Sites Included:** DOE Nevada Operations Office (DOE/NV)
EG&G Energy Measurements, Inc. (EG&G/EM)
Raytheon Services Nevada (RSN)
Reynolds Electrical & Engineering Co., Inc. (REECO)
Wackenhut Services, Inc. (WSI)
- 2. Report Type:** 90-2 Quarterly Status Report
- 3. Report Period:** July 1 - September 30, 1995
- 4. Summary of Activities**

Phase 1 completion percentages, for all DOE/NV sites, for all Orders of the original release of Orders and for new, updated, changed and replacement Orders are indicated in the table below.

ORDERS	DOE/NV	EG&G/EM	REECO	RSN	WSI
Original Order Release	100%	100%	100%	100%	100%
New, updated, changed or replacements.	95%	100%	92%	90%	98%

The 61 Orders of interest to the DNFSB are listed in Attachment 1. Attachment 1 also identifies the Orders for which a Phase 1 self-assessment has been completed.

The status of RFAs for all DOE/NV sites is shown in Attachment 2.

All data for completed assessments has been entered into the site database and has been transmitted to the central file server. In-process assessments will be transmitted as the assessments are completed.

DOE NEVADA OPERATIONS OFFICE

5. Status of Standards/Requirements Identification Documents

The Area 5 Radioactive Waste Management Site S/RID was approved for local use at the Nevada Test Site. Work continues on the development of the CREATEs database training programs and further consideration for possible wider use of the system.

6. Issues and/or Concerns

None

**DOE/NV PHASE 1 COMPLIANCE ASSESSMENT STATUS
FOR ORDERS OF INTEREST TO THE DNFSB**

#	ORDER	CHANGE	DOE/NV	EG&G/EM	REECO	RSN	WSI
1.	1300.2A		X	X	X	X	X
2.	1360.2B		X	X	X		X
3.	1540.2	1	X	X	X	X	X
4.	1540.3A		X	X	X	X	X
5.	4330.4B		X	X	X	X	X
6.	4700.1	1	X	X	X	X	X
7.	5000.3B	1	X	X	X		
8.	5400.1	1	X	X	X	X	X
9.	5400.2A	1	X	X	X	X	X
10.	5400.3	CANCELLED	X	X	X	X	X
11.	5400.4		X	X	X	X	X
12.	5400.5	2	X	X		X	X
13.	5440.1E		X	X	X	X	X
14.	5480.1B	5	X	X	X	X	X
15.	5480.3		X	X	X	X	X
16.	5480.4	4	X	X	X	X	X
17.	5480.5	CANCELLED	X	X	X	X	X
18.	5480.6		X	X	X	X	X
19.	5480.7A		X	X	X	X	X
20.	5480.8A	1	X	X	X	X	X
21.	5480.9A			X		X	X
22.	5480.10		X	X	X	X	X
23.	5480.11	3	X	X			X
24.	5480.15		X	X	X	X	X
25.	5480.17		X	X	X	X	X
26.	5480.18B		X	X	X		X
27.	5480.19	1	X	X	X	X	X
28.	5480.20A		X	X			X
29.	5480.21		X	X	X	X	X
30.	5480.22	1	X	X	X	X	X
31.	5480.23	1	X	X	X	X	X

X Denotes Phase 1 self-assessment completed.

Attachment 1

**DOE/NV PHASE 1 COMPLIANCE ASSESSMENT STATUS
FOR ORDERS OF INTEREST TO THE DNFSB**

#	ORDER	CHANGE	DOE/NV	EG&G/EM	REECO	RSN	WSI
32.	5480.24		X	X	X	X	X
33.	5480.25		X	X	X	X	X
34.	5480.26		X	X	X	X	X
35.	5480.28		X	X	X	X	X
36.	5480.29		X	X	X	X	X
37.	5480.30		X	X	X	X	X
38.	5480.31			X	X	X	X
39.	5481.1B	1	X	X	X	X	X
40.	5482.1B	1	X	X	X	X	X
41.	5483.1A		X	X	X	X	X
42.	5484.1	7	X	X	X	X	X
42.	N5484.1	EXPIRED	X	X	X	X	X
43.	5500.1B	1	X	X	X	X	X
44.	5500.2B	1	X	X	X	X	X
45.	5500.3A	1	X	X	X	X	X
46.	5500.4A		X	X	X	X	X
47.	5500.7B		X	X	X	X	X
48.	5500.10	1	X	X	X	X	X
49.	5530.1A		X	X	X	X	X
50.	5530.2		X	X	X	X	X
51.	5530.3	1	X	X	X	X	X
52.	5530.4		X	X	X	X	X
53.	5632.11	CANCELLED	X	X	X	X	X
54.	5600.1		X	X	X	X	X
55.	5610.10		X	X	X	X	X
56.	5610.11		X	X	X	X	X
57.	5610.12			X			X
58.	5610.13		X	X	X	X	X
59.	5700.6C		X	X	X	X	X
60.	5820.2A		X	X	X	X	X
61.	6430.1A		X	X	X	X	X

X Denotes Phase 1 self-assessment completed.

Attachment 1 (continued)

DOE/NV STATUS OF RFAs

DNFSB INTEREST	RFA NUMBER	RFA TITLE	DOE/NV APPROVAL DATE	DOE/HQ APPROVAL DATE	DATE CLOSED
YES	NVFO-DOE-5700.8C-CSA-01	QUALITY ASSURANCE	12/7/92	N/A	
YES	NVFO-DOE-4330.4A-CSA-02	MAINTENANCE MANAGEMENT PROGRAM	12/7/92	N/A	
YES	NVFO-DOE-5480.17-CSA-04	SITE SAFETY REPRESENTATIVES	12/7/92	N/A	
YES	EGGE-DOE-4330.4A-CSA-01	MAINTENANCE MANAGEMENT PROGRAM	12/7/92	N/A	
YES	REEC-DOE-5700.8C-CSA-04	QUALITY ASSURANCE	2/5/93	N/A	
YES	REEC-DOE-4330.4A-CSA-06	MAINTENANCE MANAGEMENT PROGRAM	6/18/93	N/A	
YES	REEC-DOE-5480.11-CSA-07	RADIATION PROTECTION FOR OCCUPATIONAL WORKERS	4/7/93	N/A	
YES	REEC-DOE-5484.1-CSA-09	ENVIRONMENTAL PROTECTION SAFETY & HEALTH PROTECTION INFORMATION REPORTING REQUIREMENTS	2/5/93	N/A	
YES	REEC-DOE-1300.2A-CSA-10	TECHNICAL STANDARDS PROGRAM	2/5/93	N/A	
YES	RSN-DOE-5480.19-CSA-03	CONDUCT OF OPERATIONS	11/1/94	N/A	
YES	WSI-NV-5480.8-STCS-ES&H-04	PHYSICAL, CHEMICAL, AND BIOLOGICAL AGENTS	4/7/93	N/A	
YES	WSI-NV-5480.8-STCS-HR-09	HEALTH STATUS REVIEW	6/18/93	N/A	

Attachment 2

B.4 OAKLAND OPERATIONS OFFICE

90-2 QUARTERLY STATUS REPORT

July 1, 1995 - September 30, 1995

**DOE/Oakland Operations Office
Lawrence Livermore National Laboratory
90-2 Order Compliance Status Report
September 30, 1995**

1. Site: Lawrence Livermore National Laboratory (LLNL)
2. Subject: 90-2 Quarterly Report
3. Period: July 1, 1995 - September 30, 1995

4. Overall Summary of Standards/Requirements (S/R) Activities:

a. DOE/Oakland Operations Office (OAK):

The current Department and Laboratory initiatives such as the Necessary & Sufficient process, Order Reduction, Standard-Based Management, Integrated Safety Management, Pilot Oversight program, and the issuance of DNFSB Recommendation 94-5, and subsequently, Recommendation 95-2, necessitated an evaluation of the ongoing activities with Recommendations 90-2 and 93-1 at DOE/OAK. These changes within the Department may affect the continual need for and/or scope of Recommendations 90-2 and 93-1. Our efforts in responding to the recommendations to date have been proven to be costly and time consuming with questionable value added. As a result, DOE/OAK will limit the scope of our implementation efforts.

Order Compliance:

Assessments:

The status of the Orders of Interest at the end of the quarter are shown in Attachment #1. DOE/OAK will continue to utilize the STRIDE server for self-assessments as new Orders and rules are entered into the server by DOE/HQ..

Request for Approvals (RFAs):

All of the 31 original RFAs generated corrective actions that required development or updating of DOE/OAK Management Directives (MDs). The non-compliant conditions were due primarily to lack of a written policy/procedure for specific requirements. Current Recommendation 90-2 instructions mandated that the requirements are to be incorporated in implementing documents by reference, quotation, or correct paraphrase. The

instruction contradicts the policy and guidance provided by the New Directive System Manual (12/93).

DOE/OAK is in the process of phasing out the OAK Management Directives (MD's). They will be replaced by the OAK Supplemental Directives (SDs). Some DOE Orders, in order to be fully implemented may be supplemented by an OAK Supplemental Directive. Generally, the policy for issuing supplemental directives will be when they demonstrate the following:

- a. adds value and is cost effective;
- b. does not contain non-essential requirements;
- c. does not contradict, alter or circumvent a basic DOE directive;
- d. does not repeat the DOE directive or guidance document;
- e. adds DOE/OAK "unique" implementing policies and procedures;
and,
- f. delineates DOE/OAK cross-cut matrix responsibilities.

b. Lawrence Livermore National Laboratory (LLNL)

LLNL has submitted a final DOCSA Project Quarterly Report detailing B332 close-out status of current pending items, corrective actions and progress towards the development of a self-assessment process for the S/R Program.

Summary of Work Completed:

Order Compliance:

Assessments:

Attachment #2, B332 SAR Orders List, provides the current status of SAR Orders that apply to B332. All Orders have been reviewed and completed except for facility reviews of the indicated four Orders.

Request for Approvals (RFAs):

Attachment #3, LLNL Corrective Action Status, shows the current activity of LLNL RFAs:

- 28 have been approved to date.
- 14 are currently at DOE/OAK for review and approval or validation.

Completed Corrective Actions:

Three completed CSAs were submitted this quarter for validation while one Corrective Action has been validated by DOE.

S/RID Development Process:

In a recent letter to OAK/AMDP, LLNL indicated that the Plutonium Facility (B332) did not have the resources to develop a S/RID, in accordance to the 90-2 Instructions. However, LLNL indicated that the Plutonium Facility is committed to meet the intent of the S/R Program by exploring options allowing an ongoing self-assessment program that will obtain the same results by utilizing current approved facility safety requirements.

LLNL is evaluating the development of a self-assessment program based on the Facility's SAR and TSR. Both documents were developed to ensure the Plutonium Facility operated in a manner that protected the health and safety of the public. With these documents as the starting point, LLNL intends to develop a S/RID that is in conformance with the DOE "ES&H Configuration Guide" (July, 1993). Areas of concern that are missing from the SAR and TSR will be incorporated into the self-assessment program from LLNL's own ES&H policies and programs already in force at the facility.

It is understood that LLNL is evaluating the feasibility of a self-assessment program to satisfy the intent of the S/R Program. If this approach is acceptable to DOE, LLNL intends to pursue the process with limited resources resulting in a longer time frame for completion than indicated in the Headquarters S/RID Milestones.

Order	Title	Being Assessed	Being Reassessed	In Data Entry	In Baseline Module	Added to Baseline	Status	Comments
1540.2 C1	HAZMAT Packaging				X		Complete	
1540.3	Rad Mat Transp				X		Complete	Superseded by A
1540.4	Protection of Rx Fuel				X	NA	Complete	Superseded by 5632.11
4330.4B	Maintenance Management				X		Complete	
4700.1 C1	Project Management				X		Complete	
5000.3A	Occurrence Reporting				X		Complete	Superseded by B
5400.1	Environmental Protection				X		Complete	
5400.2A	Environmental Compliance				X		Complete	
5400.3	Hazardous and Radioactive Waste...				X		Complete	
5400.4	CERCLA Requirements				X		Complete	
5400.5	Radiation Protection of the Public...				X		Complete	
5440.1D	NEPA Program				X		Complete	Superseded by E
5480.10	Contractor Industrial Hygiene Program				X		Complete	
5480.11	Radiation Protection				X		Complete	
5480.15	DOELAP				X		Complete	
5480.17	Site Safety Representatives				X		Complete	
5480.18A	Training Accreditation				X		Complete	
5480.19	Conduct of Operations				X		Complete	
5480.1B	ES&H Program				X		Complete	
5480.3	Packaging and Transportation of HAZMAT				X		Complete	
5480.4	Environment, Safety and Health Standards				X		Complete	
5480.5	Safety of Nuclear Facilities				X		Complete	NA
5480.7	Fire Protection				X		Complete	Superseded by A
5480.9	Construction Safety and Health Program				X		Complete	
5481.1B	Safety Analysis and Review System				X		Complete	
5482.1B	ES&H Appraisal Program				X		Complete	
5483.1A	OSHA				X		Complete	
5484.1	ES&H Reporting				X		Complete	
5484.1 C7	ES&H Reporting				X		Complete	
5500.10	Emergency Readiness Assurance				X		Complete	
5500.1B	Emergency Management System				X		Complete	

October 4, 1995

Baseline Orders Complete of Interest to the DNESB: 41

Order	Title	Being Assessed	Being Reassessed	In Data Entry	In Baseline Module	Added to Baseline	Status	Comments
5500.2B	Emergency Categories...				X		Complete	
5500.3A	Planning & Preparedness...				X		Complete	
5500.4	Public Affairs Policy				X		Complete	Superseded by A
5500.7B	Emerg Ops Records Prot				X		Complete	WA
5610.11	Nuclear Explosive Safety				X		Complete	
5610.11A	Nuclear Explosive Safety				X		Complete	
5632.11	Protection of Uncia RX Fuel				X		Complete	*LO
5700.6C	Quality Assurance				X		Complete	
5820.2A	Radioactive Waste Management				X		Complete	
6430.1A	General Design Criteria				X		Complete	

Baseline Orders Incomplete of Interest to the DNESB: 3

Order	Title	Being Assessed	Being Reassessed	In Data Entry	In Baseline Module	Added to Baseline	Status	Comments
1300.2A	DOB Tech Standards Program		X		X		Pending	MD Cancelled
5000.3B C1	Occurrence Reporting		X		X		Pending	
5480.20	Personnel Training ...		X		X		Pending	

October 4, 1995

Non-Baseline Orders Complete of Interest to the DNFSB: 23

Order	Title	Being Assessed	Being Reassessed	In Data Entry	In Baseline Module	Added to Baseline	Status	Comments
1360.2B	Unclass Computer Security					X	Complete	
1540.3A	Rad Mat Transp					X	Complete	
4330.4A C4	Maintenance Management					X	Complete	Superseded by B
5000.3B	Occurrence Reporting					X	Complete	Superseded by C1
5400.5 C2	Radiation Protection of the Public...						Complete	
5440.1E	NEPA Program					X	Complete	
5480.11 C3	Radiation Protection					X	Complete	
5480.19 C1	Conduct of Operations					X	Complete	No PO changes
5480.1B C5	ES&H Program					X	Complete	
5480.21	Unreviewed Safety Questions					X	Complete	
5480.22	Technical Safety Requirements					X	Complete	
5480.22 C1	Technical Safety Requirements					X	Complete	No PO Changes in C1
5480.24	Nuclear Criticality Safety					X	Complete	
5480.25	Safety of Accelerator Facilities					X	Complete	
5480.26	Performance Indicators					X	Complete	
5480.28	Natural Phenomena Hazards Mitigation					X	Complete	
5480.29	Employee Concerns Management System					X	Complete	
5480.4 C4	Environment, Safety and Health Standards					X	Complete	
5480.7A	Fire Protection					X	Complete	
5480.8A C1	Contractor Occupational Medical Program					X	Complete	
5482.1B C1	ES&H Appraisal Program					X	Complete	
N5480.5	Imposition of Proposed Nuclear...					X	Complete	Expired
N5480.6	Radiological Control					X	Complete	Expired

October 4, 1995

Non-Baseline Orders Incomplete of Interest to the DNESB: 5

Order	Title	Being Assessed	Being Reassessed	In Data Entry	In Baseline Module	Added to Baseline	Status	Comments
5480.23	Nuclear Safety Analysis Reports		X			X	Pending	
5480.31	Startup and Restart of Nuclear Facs		X			X	Pending	
5500.2B C1	Emergency Categories...		X				Pending	MD Cancelled
5500.3A C1	Planning & Preparedness ...	X					Pending	MD Cancelled
5500.4A	Public Affairs Policy		X			X	Pending	MD Cancelled

October 4, 1995

DOE Order Number	Order on B332 closure plan	Order Status
1540.2	No	No comments from Dennis Barrett- Assumed OK
4330.4A	No	Memo response- no changes- no work required
5000.3B chg 1	No	Order assessed 5/95- current- no work required
5400.1	Yes	Assessment complete- Review complete
5400.5	Yes	Assessment complete- Review complete
5480.1B	No	No contractor mandatory statements- no work required
5480.3	No	No comments from Dennis Barrett- Assumed OK
5480.4	No	List of regulations- not assessed- no work required
5480.7A	Yes	Assessment complete- Review complete
5480.8A chg 1	No	Order assessed 5/94- current- no work required
5480.10	Yes	Assessment complete- Review complete
5480.11	Yes	Assessment complete- Facility reviewing
5480.15	No	Assessment reviewed- no work required
5480.19	Yes	Assessment complete- Review complete
5480.20	Yes	Order update not required per Doug Eddy DOE/OAK 9/14/95

5480.21	Yes	Assessment complete- Review complete
5480.22	Yes	Assessment complete- Facility reviewing
5480.23	Yes	Assessment complete- Review complete
5480.24	Yes	Assessment complete- Facility reviewing
5480.28	No	Awaiting acceptance into UC contract
5480.31	Yes	Assessment complete- Facility reviewing
5482.1B	No	Assessment complete- Review complete
5483.1A	No	Assessment reviewed- references in the order are current- no work required
5484.1	No	Assessment complete- Review complete
5500.1B chg 1	No	Assessment complete- Review complete
5500.2B chg 1	No	Assessment complete- Review complete
5500.3A chg 1	No	Assessment complete- Review complete
5500.4A	No	Assessment reviewed- references in the order are current- no work required
5500.9A	No	DOE considers NA to LLNL per J. van Guillory DOE/OAK
5500.10 chg 1	No	Assessment complete- Review complete
5530.5 chg 1	No	Assessment reviewed- references in the order are current- no work required
5610.1	No	Order canceled by 5610.12- 5610.12 has no contractor mandatory statements.- no work required

5633.3A	No	Safeguard and Security classified CMS- controlled per 5610.11A
5700.6C	No	Order superseded by 10 CFR Part 830.120 for nuclear facilities
5820.2A	Yes	Assessment complete- Review complete
6430.1A	No	Memo response- no changes- no work required

CORRECTIVE ACTION STATUS

Attachment #3

Request for Approval No. Site Order # Code	Comments	Corrective Action Complete	Review Category	Date Last Revision Completed	Date Sent To DOE	Loc. of Doc.	Date New Revision	Date Revision To DOE	LLNL Signatures	Date DOE Approval	Date Requesting Validation	Date DOE Validation
LLNL-DOE-5820.2A-CSA-001A	These statements are now in compliance	Yes	Inst	1/7/93	1/7/93	Complete	12/12/94	3/17/95	Yes	5/18/95	5/23/95	5/25/95
LLNL-DOE-5820.2A-CSA-002A	Submitted for approval		Inst	9/14/93	11/4/93	Approv	2/6/95	3/17/95	Yes	6/20/95		
LLNL-DOE-5820.2A-CSA-003B	Corrective action document approved		Inst	9/21/93	11/4/93	Approv	2/16/94	2/23/94	Yes	3/1/94		
LLNL-DOE-5820.2A-STCS-004	These statements are now in compliance	Yes	Inst	5/25/93	1/21/93	Complete					5/16/94	5/23/94
LLNL-DOE-5820.2A-CSA-005	This statement is now in compliance	Yes	Inst	9/8/93	1/7/93	Complete					5/16/94	5/23/94
LLNL-DOE-5820.2A-CSA-006B	Corrective action document approved		Inst	8/31/93	9/23/93	Approv	2/16/94	2/23/94	Yes	3/1/94		
LLNL-DOE-5820.2A-CSA-007A	Submitted for approval		Inst	9/21/93	11/4/93	DOE	3/27/95	5/16/95	Yes			
LLNL-DOE-5820.2A-CSA-008A	Submitted for approval		Inst	9/21/93	11/4/93	Approv	4/19/95	5/16/95	Yes	6/20/95		
LLNL-DOE-5820.2A-CSA-009	Reviewing compliance with DOE- 1/30/95	Yes	Inst	9/2/93	1/7/93	LLNL						
LLNL-DOE-5480.8-CSA-010	Order superseded by 5480.8A		Inst	2/19/93	2/19/93	Complete						
LLNL-DOE-5480.8-CSA-011	Order superseded by 5480.8A		Inst	1/21/93	1/21/93	Complete						
LLNL-DOE-5480.8-EX-012	Order superseded by 5480.8A		EX	1/7/93	1/7/93	Complete						
LLNL-DOE-5484.1-EX-013	Approved by DOE/OAK		EX	1/21/93	1/21/93	Complete			Yes	5/19/94		
LLNL-DOE-5484.1-EX-014	Approved by DOE/OAK		EX	1/21/93	1/21/93	Complete			Yes	5/19/94		
LLNL-DOE-5820.2A-CSA-015	This statement is now in compliance	Yes	Inst	9/2/93	1/7/93	Complete					5/16/94	5/23/94
LLNL-DOE-5484.1-EX-016A	Corrective action document revised		EX	8/31/93	9/23/93	Complete		9/30/95				
LLNL-DOE-5484.1-EX-017A	Submitted to DOE		EX	8/31/93	9/23/93	Complete	4/7/95	5/16/95	Yes			
LLNL-DOE-5610.11-CSA-018A	These statements are now in compliance		Inst	9/14/93	11/4/93	Approv	2/6/95				3/17/95	9/13/95
LLNL-DOE-5480.13-STCS-019	Order superseded by 5480.13A		Inst	1/7/93	1/7/93	Complete		10/3/94				
LLNL-DOE-5480.5-STCS-020	Order canceled - 5/20/94		3	2/19/93	2/19/93	Complete		10/3/94				
LLNL-DOE-5480.5-STCS-021	Order canceled - 5/20/94	Yes	3	9/29/93	1/21/93	Complete		10/3/94				
LLNL-DOE-5480.20-CSA-022	This statement is now in compliance		Inst	9/20/93	10/8/93	DOE	2/8/95				3/17/95	
LLNL-DOE-5480.20-CSA-023	These statements are now in compliance	Yes	Inst	9/27/93	1/7/93	DOE					9/30/95	
LLNL-DOE-5820.2A-CSA-024A	This statement is now in compliance	Yes	Inst	9/28/93	11/4/94	DOE					9/30/95	
LLNL-DOE-5500.3A-CSA-025	This statement is now in compliance	Yes	Inst	9/20/93	1/7/93	DOE					7/7/95	
LLNL-DOE-5500.3A-CSA-026	These statements are now in compliance	Yes	Inst	9/21/93	1/7/93	DOE					7/7/95	
LLNL-DOE-5480.5-CSA-027	Order canceled - 5/20/94	Yes	3	8/18/93	2/19/93	Complete		10/3/94				
LLNL-DOE-5480.5-CSA-028	Order canceled - 5/20/94	Yes	3	8/18/93	2/19/93	Complete		10/3/94				
LLNL-DOE-5480.7-CSA-029	Order superseded by 5480.7A		3	2/19/93	2/19/93	Complete						
LLNL-DOE-5480.7-EX-030	Order superseded by 5480.7A		EX	1/7/93	1/7/93	Complete						
LLNL-DOE-5700.9C-CSA-031A	Superseded by 10 CFR Part 830.120		3	8/31/93	9/23/93	Complete		12/7/94				
LLNL-DOE-5481.1B-CSA-032	Order replaced by 5480.23		3	2/19/93	2/19/93	Complete						
LLNL-DOE-5700.9C-CSA-033B	Superseded by 10 CFR Part 830.120	Yes	3	8/31/93	10/8/93	Complete	2/16/94	12/7/94			9/12/94	
LLNL-DOE-5820.2A-EX-034	Approved by DOE/OAK	Yes	3	9/2/93	1/21/93	Complete	12/12/94	3/17/95	Yes	3/27/95		
LLNL-DOE-5820.2A-CSA-035	These statements are now in compliance	Yes	3	9/2/93	1/21/93	Complete					5/16/94	5/23/94
LLNL-DOE-5700.9C-CSA-036A	Superseded by 10 CFR Part 830.120		3	8/31/93	9/23/93	Complete		12/7/94				
LLNL-DOE-5820.2A-CSA-037B	These statements are now in compliance	Yes	Inst	8/31/93	9/23/93	Complete					5/16/94	5/23/94

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CORRECTIVE ACTION STATUS

Attachment #3

Request for Approval No. Site Order # Code	Comments	Corrective Action Complete	Review Category	Date Last Revision Completed	Date Sent To DOE	Loc. of Doc.	Date New Revision	Date Revision To DOE	LLNL Signatures	Date DOE Approval	Date Requesting Validation	Date DOE Validation
LLNL-DOE-5820.2A-CSA-038B	Corrective action document approved		Inst	9/1/93	9/23/93	Approv	2/16/94	2/23/94	Yes	4/17/94		
LLNL-DOE-5400.1-CSA-039	Corrective action document approved		Inst	9/14/93	12/21/93	Approv		12/21/93	Yes	5/20/94		
LLNL-DOE-5400.1-CSA-040	These statements are now in compliance		Inst	9/14/93	10/8/93	DOE					5/16/95	
LLNL-DOE-5400.1-CSA-041	This statement is now in compliance	Yes	Inst	9/27/93	1/7/93	DOE					12/15/94	
LLNL-DOE-5480.8-CSA-042	Order superseded by 5480.8A		Inst	1/21/93	1/21/93	Complete						
LLNL-DOE-5610.11-CSA-043B	This statement is now in compliance	Yes	Inst	8/31/93	9/7/93	Complete	2/16/94	2/23/94	Yes	3/1/94	5/16/94	5/23/94
LLNL-DOE-5610.11-EQ-044A	These statements are now in compliance	Yes	Inst	9/14/93	1/14/93	DOE					5/16/95	
LLNL-DOE-5610.11-CSA-045B	This statement is now in compliance	Yes	Inst	8/31/93	9/7/93	Complete	2/16/94	2/23/94	Yes	3/1/94	5/16/94	5/23/94
LLNL-DOE-5610.11-CSA-046	These statements are now in compliance	Yes	Inst	8/31/93	1/21/93	Complete					5/16/94	5/23/94
LLNL-DOE-5480.8-CSA-047	Order superseded by 5480.8A	Yes	Inst	2/19/93	2/19/93	Complete						
LLNL-DOE-5480.20-CSA-048B	Corrective action document revised		2	9/27/93	1/14/93	Approv	2/16/94	4/19/94	Yes	3/4/94		
LLNL-DOE-5480.20-CSA-049B	This statement is now in compliance	Yes	2	9/27/93	1/14/93	DOE					6/29/95	
LLNL-DOE-5480.20-CSA-050B	This statement is now in compliance	Yes	2	9/27/93	1/14/93	DOE	2/16/94				6/8/94	
LLNL-DOE-5480.20-CSA-051B	These statements are now in compliance	Yes	2	9/27/93	1/14/93	DOE					6/29/95	
LLNL-DOE-5480.20-CSA-052B	This statement is now in compliance		2	8/31/93	9/7/93	DOE			Yes		12/15/94	
LLNL-DOE-5480.20-CSA-053B	These statements are now in compliance	Yes	2	9/27/93	1/14/93	DOE					9/30/95	
LLNL-DOE-5480.7-EX-054	Order superseded by 5480.7A		EX	1/28/93	1/28/93	Complete						
LLNL-DOE-5480.7-EX-055	Order superseded by 5480.7A		EX	1/28/93	1/28/93	Complete						
LLNL-DOE-5480.7-EX-056	Order superseded by 5480.7A		EX	1/28/93	1/28/93	Complete						
LLNL-DOE-5480.7-EX-057	Order superseded by 5480.7A		EX	1/7/93	1/7/93	Complete						
LLNL-DOE-5480.19-CSA-058A	This statement is now in compliance	Yes	3	9/21/93	1/14/93	DOE					6/29/95	
LLNL-DOE-5480.7-CSA-059	Order superseded by 5480.7A		3	1/28/93	1/28/93	Complete						
LLNL-DOE-5480.7-STCS-060	Order superseded by 5480.7A	Yes	3	5/25/93	1/21/93	Complete					9/12/94	
LLNL-DOE-5480.20-STCS-061			3	1/21/93	1/21/93						5/16/94	5/23/94
LLNL-DOE-5480.10-CSA-062	This statement is now in compliance	Yes	Inst	9/2/93	1/21/93	Complete						
LLNL-DOE-5480.10-CSA-063A	Corrective action document revised	Yes	Inst	9/7/93	2/19/93	Complete	8/25/94	10/31/94	Yes	8/15/95		
LLNL-DOE-5483.1A-CSA-064	Order 5480.20 will cancel this CSA		Inst	9/8/93	2/19/93	Complete						
LLNL-DOE-5481.1B-STCS-065	Order replaced by 5480.23		3	1/19/93	1/7/93	Complete						
LLNL-DOE-5480.5-CSA-066B	Order canceled - 5/20/94		2	9/14/93	1/14/93	Complete	2/16/94	10/3/94				
LLNL-DOE-5820.2A-CSA-067	Corrective action document revised		2	1/21/93	1/21/93	DOE	3/13/95	5/23/95	Yes			
LLNL-DOE-5820.2A-STCS-068	These statements are now in compliance	Yes	3	9/28/93	1/7/93	Complete					5/16/94	5/23/94
LLNL-DOE-5481.1B-STCS-069	Order replaced by 5480.23		2	1/7/93	1/7/93	Complete						
LLNL-DOE-5480.11-STCS-070	This statement is now in compliance	Yes	3	9/29/93	1/7/93	Complete					5/16/94	9/30/94
LLNL-DOE-5820.2A-STCS-071	This statement is now in compliance	Yes	Inst	2/22/93	1/7/93	Complete					5/16/94	5/23/94
LLNL-DOE-5480.7-CSA-072	Order superseded by 5480.7A		3	2/19/93	2/19/93	Complete						
LLNL-DOE-5700.8C-CSA-073	Superseded by 10 CFR Part 830.120	Yes	3	2/19/93	2/19/93	Complete		12/7/94			9/12/94	
LLNL-DOE-5700.8C-CSA-074	Superseded by 10 CFR Part 830.120	Yes	3	8/23/93	2/19/93	Complete		12/7/94			5/16/94	5/23/94

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CORRECTIVE ACTION STATUS

Attachment #3

Request for Approval No.		Comments	Corrective Action Complete	Review Category	Date Last Revision Completed	Date Sent To DOE	Loc. of Doc.	Date New Revision	Date Revision To DOE	LLNL Signatures	Date DOE Approval	Date Requesting Validation	Date DOE Validation
Site	Order # Code												
LLNL-DOE-5700.6C-	CSA-076B	Superseded by 10 CFR Part 830.120	Yes	3	8/31/93	9/23/93	Complete	2/16/94	2/28/94			9/12/94	
LLNL-DOE-5700.6C-	CSA-076A	Superseded by 10 CFR Part 830.120		3	8/31/93	9/23/93	Complete		12/7/94				
LLNL-DOE-5400.5-	CSA-077	This statement is now in compliance	Yes	Inst	9/14/93	2/19/93	Complete					6/16/94	12/8/94
LLNL-DOE-5700.6C-	CSA-076B	Superseded by 10 CFR Part 830.120	Yes	2	9/14/93	10/8/93	Complete	10/17/94	10/31/94	Yes			
LLNL-DOE-5480.8A-	CSA-079A	These statements are now in compliance		Inst	10/26/93	10/28/93	DOE	8/25/94	9/23/94	Yes	9/30/94	7/26/95	
LLNL-DOE-5480.8A-	CSA-080A	These statements are now in compliance		Inst	10/26/93	10/28/93	DOE	8/25/94	9/23/94	Yes	9/30/94	7/26/95	
LLNL-DOE-5480.8A-	CSA-081A	These statements are now in compliance		Inst	10/26/93	10/28/93	DOE	8/25/94	9/23/94	Yes	9/30/94	7/26/95	
LLNL-DOE-5480.8A-	CSA-082	These statements are now in compliance	Yes	Inst	10/26/93	NA	Complete					9/12/94	3/16/95
LLNL-DOE-5480.8A-	CSA-083	This statement is now in compliance	Yes	Inst	8/12/94	NA	Complete						
LLNL-DOE-5480.11-	STCS-084	This statement is now in compliance	Yes	3			Complete						

B.5 OAK RIDGE OPERATIONS OFFICE

90-2 QUARTERLY STATUS REPORT

July 1, 1995 - September 30, 1995

Y-12 PLANT QUARTERLY STATUS REPORT FOR RECOMMENDATION 90-2
JULY 1 - SEPTEMBER 30, 1995

- I. Defense Programs (DP) Site/Facility: Y-12 Plant
DOE Operations Office: Oak Ridge Operations Office
Management and Operating Contractor: Lockheed Martin Energy
Systems, Inc.
- DP-Headquarters Program Office: DP-31
- II. Report Period - From: July 1, 1995 to September 30, 1995
- III. Summary

Oak Ridge Operations (ORO)

On July 26, 1995, ORIG 1300.X1A, ORO Standards Management Program, was issued. This document describes the overall ORO Standards Management Program and includes process steps for Standards/Requirements Identification Documents (S/RID) development and approval, the handling of new requirements, and a graded process for reviewing and approving S/RID changes.

As of October 1, the DOE approved set of LMES S/RIDs are the contractual basis for ES&H requirements. In addition to applicable laws, rules and regulation, these approved S/RIDs contain all of the applicable requirements from the DNFSB 51 Orders of interest. These requirements were included without adequacy determinations or housekeeping efforts to eliminate duplicate and conflicting requirements. As our next step, we plan to streamline the S/RID to eliminate unnecessary details, redundancies, and requirements that add little value. The process called out in the ORO contract directives clause as the mechanism for S/RID modifications/changes is the change process contained in ORIG 1300.X1A.

The TSCA Incinerator facility S/RID was submitted on time in response to the commitments made in Rev. 5 of the 90-2 Implementation Plan. An ORO review team is presently reviewing for DOE approval recommendation.

A new draft appraisal ORIG has been distributed throughout ORO for review and comment. This ORIG will be issued as a Notice, and will be the single ORO ES&H appraisal program. This appraisal ORIG will require rework of the ORIG 1300.X1A chapter on corrective actions, i.e., when Request for Approval (RFAs) are required, and what they will contain. We are striving to incorporate the new philosophy that will rely more

heavily on performance indicators and contractor self-assessment.

ORO continues to actively participate in the Department's Standards Committee and in the Necessary and Sufficient Closure Process development.

ORO continues to validate the federal assessment data that has been mapped to the STRIDe I, requirements breakdown. Currently, the validation is moving at a slow pace due to our Safety and Health Division personnel efforts continuing to be directed towards Y-12 restart.

ORO continues to review and approve new and revised contractor (RFAs) and close out contractor RFAs. ORO has closed out all Federal RFAs with the exception of two in the Emergency Preparedness area. These noncompliances have scheduled corrective actions to be completed in December 1995.

As the new ES&H Orders are released and old Orders are cancelled, ORO plans to continue following the present ORIGs until those ORIGs are re-written to reflect the intent of the new Order requirements. S/RIDs will continue with the old requirements for contractors until modified through the contractual change process.

Please note that MK-Ferguson of Oak Ridge Company (MK-F) is now a subcontractor to LMES. ORO is no longer overseeing MK-F compliance and S/RID activities. We now look to and hold LMES accountable for the flow down of requirements to ensure ES&H safety.

Lockheed Martin Energy Systems, Inc.

The facilities are on schedule to complete their assessments of ES&H requirements of the Y-12 (S/RIDs) by January 1, 1996. As part of this process, the facilities will identify any additional standards that are necessary for their facility S/RID.

The Y-12 Plant continues to complete and close out RFA actions. During the time period covered by this report, 25 new or revised RFAs were submitted to the Department of Energy (DOE) for approval. Eight RFAs were closed or cancelled.

The Y-12 Plant continues to maintain the initial site assessments for ES&H requirements identified in the S/RIDs and for those associated with

the Orders of interest to the Defense Nuclear Facilities Safety Board. This maintenance effort includes updating the compliance database to reflect a major overhaul of the Y-12 procedure system. This overhaul is causing procedures to be revised at a rate approximately ten times that which normally occurs.

Finally, the Y-12 Plant continues to use the results of the DOE surveillance program to provide additional adherence-based assessment data against these requirements. A process to reconcile the Y-12 corrective action tracking system and the Y-12 compliance management system's adherence assessment data set is currently underway.

Table 1: Schedules for Standards/Requirements Program Milestones at the Y-12 Plant

Milestone		90-2 Implementation Plan, Revision 5 Schedule	Current Schedule	Comment
1. Order Compliance Self-Assessment (OSCA) Phase I Assessments		Not Applicable (N/A)	N/A	Completed - January 1994.
2. Annual Phase 2 Assessment Plan		N/A	N/A	Since the Y-12 Plant is now assessing itself against an approved set of S/RIDs, no specific plan will be developed for OSCA.
3. OSCA Phase 2 Baseline Assessments		N/A	N/A	Initial set of assessments completed - March 1994.
4. S/RID Development	Site	N/A	N/A	Site completed March 1994.
	Facility	Footnote 1 indicates site S/RID will be updated based upon facility assessments.	1/96	Moderate hazard facility groups are scheduled to complete their assessments by January 1996.
5. S/RID Approval	Site	N/A	N/A	DOE approval granted to site S/RIDs - November 1994.
	Facility	Not in implementation plan		A schedule for approval of the moderate hazard facility S/RIDs will be forthcoming.

Milestone		90-2 Implementation Plan, Revision 5 Schedule	Current Schedule	Comment
6. S/RID Phase 1 Assessments	Site	1/96	3/95	Assessments completed for the site.
	Facility	1/96	1/96	Moderate hazard facility groups
7. S/RID Phase 2 Baseline Assessments		Not in implementation plan	See comment	By March 1996, an assessment plan will be developed. Plan will establish final schedule.

IV. Detailed Information

1. Order Compliance Self-Assessment (OSCA) Phase 1 Assessments

In January 1994, the Y-12 Plant completed assessments for the 51 Orders of interest at both the site-level and for two moderate hazard facilities, buildings 9212 and 9720-5. Three months later, in March 1994, the Y-12 Plant completed the development of the initial set of RFAs.

Also, in March 1994, the Y-12 Plant submitted its initial S/RIDs for the site. At that time, the Y-12 Plant began to reorient its assessment program around the S/RID process.

2. Annual Phase 2 Assessment Plan for OSCA Program

Since the Y-12 Plant has an approved set of S/RIDs, the annual Phase 2 assessment plan will be developed for the S/RID program only. This is scheduled to be submitted in March 1996.

3. OSCA Phase 2 Baseline Assessments

An initial set of Phase 2 OSCA baseline assessments was completed in March 1994. Since the Y-12 Plant has an approved set of S/RIDs, further baseline assessments will be performed against the requirements established in the S/RIDs.

4. S/RID Development

An initial set of S/RIDs for the Y-12 Plant was submitted to the Oak Ridge Operations Office in March 1994. The Y-12 Plant has identified two moderate hazard facility group S/RIDs that are to be developed by January 1996. As the two facility groups assess themselves against the site S/RIDs, they will identify any additional standards/requirements that they feel should be added to the site S/RID in order to have an adequate S/RID for their activities. This effort is on schedule.

5. S/RID Approval

On November 1, 1994, the Department of Energy, through the Oak Ridge Operations Office, approved the Y-12 Plant S/RIDs.

6. S/RID Phase 1 Assessments

Site personnel have completed their assessment of the site S/RIDs. The results of these assessments have been provided to the two facility groups for their use in performing their assessment of the site S/RIDs. The facility groups presently are projected to complete these assessments in January 1996.

7. S/RID Phase 2 Baseline Assessments

A plan will be submitted by March 1996. Present adherence assessment activities are being captured in the Y-12 compliance data base.

B.6 SAVANNAH RIVER OPERATIONS OFFICE

90-2 QUARTERLY STATUS REPORT

July 1, 1995 - September 30, 1995

90-2 Quarterly Status Report

Section I

1. Savannah River Site
2. Quarterly Report
3. July through September 1995
4. ORDERS OF INTEREST TO THE DEFENSE NUCLEAR FACILITIES SAFETY BOARD (DNFSB)
 - a. Assessment

DOE Savannah River Operations Office (SR)

SR has completed assessments for the Orders that are of interest to the DNFSB in the 8/94 Module with the exception of DOE 5480.9A, "Construction Project Safety and Health Management," DOE 5480.28, "Natural Phenomena Hazards Mitigation," DOE 5480.31, "Startup and Restart of Nuclear Facilities," and DOE 4330.4B, "Maintenance Management Program." DOE 5480.28 cannot be assessed until applicable standards are issued. Assessments for the remaining 3 Orders are in progress and are expected to be completed by 10/31/95.

There are 4 Exemptions (EXs) submitted and 3 are approved.

There are 2 Orders in the 8/94 Module which do not apply to SR. These are DOE 5480.25, "Safety of Accelerator Facilities," and DOE 5480.30, "Nuclear Reactor Safety Design Criteria."

Westinghouse Savannah River Company (WSRC)

WSRC has completed sitewide assessments for the Orders that are of interest to the DNFSB in the 11/94 Module with the following exceptions.

DOE Order 5481.1B, "Safety Analysis and Review System" has been superseded for nuclear facilities by DOE 5480.23, "Nuclear Safety Analysis Reports".

The Order assessment for DOE 5480.28, "Natural Phenomena Hazards Mitigation" cannot be completed until one additional standard invoked by the Order is issued.

There are 28 Compliance Schedule Approvals (CSAs) submitted and approved. There are 46 EXs submitted for approval with 31 currently approved. There are 4 Implementation Plans (IPs) submitted with 1 approved (DOE 5700.6C, "Quality Assurance").

90-2 Quarterly Status Report

The IPs for DOE 5480.22, "Technical Safety Requirements" and DOE 5480.23, "Nuclear Safety Analysis Reports" have been approved for HB-Line, Tank Farms, and In-Tank Processing Facilities. The IP for DOE 5480.24, "Nuclear Criticality Safety," has been approved for HB-Line, FB-Line, F-Canyon, and High Level Waste Facilities.

Wackenhut Services, Incorporated (WSI)

WSI has completed assessments for the Orders that are of interest to the DNFSB in the 5/95 Module.

The following Orders are not applicable to WSI:

DOE 1300.2A,	"Department of Energy Technical Standards Program"
DOE 1540.2,	"Hazardous Material Packaging for Transport-Administrative Procedures"
DOE 1540.3A,	"Base Technology for Radioactive Material Transportation Packaging Systems"
DOE 5400.2A,	"Environmental Compliance Issue Coordination"
DOE 5400.5,	"Radiation Protection of the Public and the Environment"
DOE 5440.1E,	"National Environmental Policy Act Compliance Program"
DOE 5480.4,	"Environmental Protection, Safety, and Health Protection Standards"
DOE 5480.6,	"Safety of Department of Energy-Owned Reactors"
DOE 5480.9A,	"Construction Project Safety and Health Management"
DOE 5480.15,	"Department of Energy Laboratory Accreditation Program for Personnel Dosimetry"
DOE 5480.18B,	"Accreditation of Performance-Based Training for Category A Reactors and Nuclear Facilities"
DOE 5480.20A,	"Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities"
DOE 5480.21,	"Unreviewed Safety Questions"
DOE 5480.22,	"Technical Safety Requirements"
DOE 5480.23,	"Nuclear Safety Analysis Reports"
DOE 5480.24,	"Nuclear Criticality Safety"
DOE 5500.7B,	"Emergency Operating Records Protection Program"
DOE 5820.2A,	"Radioactive Waste Management"
DOE 6430.1A,	"General Design Criteria"

90-2 Quarterly Status Report

b. Compliance Assessment Information Database Status

SR maintains current compliance information in a locally developed system, but does not transmit this information to DOE Headquarters (HQ). WSRC is currently evaluating options for maintaining their information.

WSI currently uses a locally developed tracking database but is working to bring Standards Requirements Identification Database (STRIDE) on-line via its local area network which will allow WSI review proponents to become available through STRIDE. WSI-SRS is considering the use of a Self-Assessment Requirements Card (SARC) to prepare assessments electronically. WSI also downloads applicable DOE Orders to aid in assessments as they capture the results of Phase 1 (Administrative) and Phase 2 (Performance based) assessments. WSI-SRS is exploring the possibility that the SARC could be used to replace the five forms currently used to report Directives Compliance Assessments. Also being explored is the possibility that the SARC could be used to complement STRIDE's data collection forms. The full potential of this effort will only be realized, however, if other source directives (i.e., Directive Implementation Instructions [DII], Compliance Review Form [CRF]) are available via STRIDE.

c. Request for Approval (RFA) Status

See Section IV.

5. Issues or Concerns - None.

6. Schedule Changes - None.

SECTION II
intentionally not included

90-2 Quarterly Status Report

Section III

1. Savannah River Site (SRS)
2. Quarterly Report
3. July through September 1995
4. SRS 90-2 PROGRAM ACTIVITIES

In accordance with commitments made in Revision 5 of the "DOE - Implementation Plan in Response to Recommendation 90-2," the site S/RID was submitted by Westinghouse Savannah River Company (WSRC) in May 1995 and was approved by the Savannah River Operations Office (SR) in August 1995. Savannah River Site does not plan to develop facility-specific S/RIDs, as the Site S/RID includes the requirements applicable to specific facilities.

As part of the S/RID pilot program, Savannah River Site developed a specific S/RID for the Defense Waste Processing Facility (DWPF), and this document was approved by the Department.

Also in accordance with Revision 5 of the Recommendation 90-2 Implementation Plan, Phase I assessments of the Site S/RID were completed in July 1995. Phase II assessments have begun and an integrated Phase II Assessment Plan is scheduled to be completed by the end of September 1995. Savannah River Site expects to complete Phase II assessment activities for the Order requirements included in the S/RID by December 1995. This assessment activity will be integrated with the current Order Compliance Phase II process to eliminate duplication of effort.

5. Issues or Concerns - None.
5. Schedule Changes - None.

90-2 Quarterly Status Report

Section IV

1. Savannah River Site
2. Quarterly Report
3. July through September 1995
4. REQUEST FOR APPROVAL (RFA) STATUS

See attached report.

9/11/95

DOE RFA STATUS

PAGE 1

RFA NUMBER	TITLE	DATE TO HQ	HQ APPROVAL
SRS-DOE- 5480.18A-EX-05	Accreditation of Performance Based Training, Rev. 2	02/14/94	04/19/94
SRS-DOE- 5480.4-EX-4	Absence of Automatic Sprinklers, 10/16/92	10/16/92	02/16/93
SRS-DOE- 5630.11-EX-1	Safeguards and Security Approval Authority	05/17/91	09/16/91
SRS-DOE- 5480.20-EX-95-009	Responsibility Established in FAR Manual, 4/14/95	05/16/95	

RFA NUMBER	TITLE	DATE TO HQ	HQ APPROVAL
SRS-DOE- 5000.3B-EX-95-004 R1	Reducing Reporting Requirements, 7/24/95	09/01/95	
SRS-DOE- 5480.22-EX-93-008	Develop TSRs for Each Nuclear Facility, Rev. 3, 10/27/93	11/16/93	06/21/94
SRS-DOE- 5480.22-EX-93-009	Develop TSRs for Each Nuclear Facility, Rev. 3, 10/27/93	11/16/93	06/21/94
SRS-DOE- 5480.22-IP-93-002 R4	Develop TSRs for Nuclear Facilities, Rev. 4	11/16/93	12/16/93
SRS-DOE- 5480.22-IP-93-002 R5	Develop TSRs for Nuclear Facilities, Rev. 5	11/16/93	06/16/94
SRS-DOE- 5480.22-IP-93-002 R6	Develop TSRs for Nuclear Facilities, Rev. 6	11/16/93	10/06/94
SRS-DOE- 5480.23-EX-93-003	Develop an SAR for Each Nuclear Facility, Rev. 3, 10/27/93	11/16/93	06/21/94
SRS-DOE- 5480.23-EX-93-004	Develop an SAR for Each Nuclear Facility, Rev. 3, 10/27/93	11/16/93	06/21/94
SRS-DOE- 5480.23-IP-93-003 R4	Develop an SAR for Each Nuclear Facility, Rev. 4	11/16/93	12/16/93
SRS-DOE- 5480.23-IP-93-003 R5	Develop an SAR for Each Nuclear Facility, Rev. 5	11/16/93	06/21/94
SRS-DOE- 5480.23-IP-93-003 R7	Develop an SAR for Each Nuclear Facility, 1 Rev. 7	11/16/93	10/06/94
SRS-DOE- 5480.24-EX-93-130	Issued in the Rev. 8 of the IP, 9/22/94	11/02/94	
SRS-DOE- 5480.24-IP-93-004 R10	Nuclear Criticality Safety Implementation Plan, Rev. 10	06/15/95	
SRS-DOE- 5480.24-IP-93-004 R4	Nuclear Criticality Safety Implementation Plan, Rev. 4, 12/7/93	12/13/93	12/15/93
SRS-DOE- 5480.24-IP-93-004 R4E	Nuclear Criticality Safety Implementation Plan, Rev. 4E,	06/15/95	
SRS-DOE- 5480.24-IP-93-004 R5	Nuclear Criticality Safety Implementation Plan, Rev. 5	06/15/95	
SRS-DOE- 5480.24-IP-93-004 R6	Nuclear Criticality Safety Implementation Plan, Rev. 6,	12/13/93	07/25/94
SRS-DOE- 5480.24-IP-93-004 R7	Nuclear Criticality Safety Implementation Plan, Rev. 7	08/15/94	

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RFA NUMBER	TITLE	DATE TO HQ	HQ APPROVAL
SRS-DOE- 5480.24-IP-93-004 R8	Nuclear Criticality Safety Implementation Plan, Rev. 8	06/15/95	
SRS-DOE- 5480.24-IP-93-004 R9	Nuclear Criticality Safety Implementation Plan, Rev. 9	06/15/95	
SRS-DOE- 5480.30-EX-94-122	Need Upgraded SAR Establishing Nuclear Safety Design Criteria, 8/31/94	11/11/94	
SRS-DOE- 5480.7-CSA-111	Security Door Does Not Comply with Fire Protection Requirements, 6/15/92		09/20/93
SRS-DOE- 5480.7-CSA-31	Compliance with Improved Risk, 8/14/92	11/24/92	01/11/93
SRS-DOE- 5480.7-EX-10	Building 717-10N Property Damage Limitation	09/03/91	07/20/92
SRS-DOE- 5480.7-EX-12	Building 704-IT Property Damage Limitation	09/03/91	07/20/92
SRS-DOE- 5480.7-EX-14	Building 670-T Property Damage Limitation	09/03/91	07/20/92
SRS-DOE- 5480.7-EX-16	Building 704-T Property Damage Limitation	09/03/91	07/20/92
SRS-DOE- 5480.7-EX-17	Building 701-1H Control Room Automatic Fire Supression System	09/03/91	07/20/92
SRS-DOE- 5480.7-EX-18	Building 221-S Drain Catch Tank Area	09/03/91	11/24/92
SRS-DOE- 5480.7-EX-19	Building 221-S Fire Dampers	09/03/91	12/09/92
SRS-DOE- 5480.7-EX-20	Building 221-S Windowless Structure	09/03/91	11/24/92
SRS-DOE- 5480.7-EX-22	Building 980-S Isolation Valve	09/03/91	11/24/92
SRS-DOE- 5480.7-EX-23	Building 221-S Enclosed Exit Stairwells	09/03/91	11/24/92
SRS-DOE- 5480.7-EX-25	Building 221-S Hazardous Location	09/03/91	11/24/92
SRS-DOE- 5480.7-EX-26	Building 221-S Windowless Structure	09/03/91	11/24/92
SRS-DOE- 5480.7-EX-27	Building 704-3B Dead End Corridor	09/03/91	07/20/92

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RFA NUMBER	TITLE	DATE TO HQ	HQ APPROVAL
SRS-DOE- 5480.7-EX-28	Building 232-H Stairwell, Electrical Cable Trays	09/03/91	08/03/92
SRS-DOE- 5480.7-EX-29	Building 233-H Blank Wall Installation	12/18/92	02/12/93
SRS-DOE- 5480.7-EX-29A	Replacement Tritium Facility Property Damage Limitation	05/16/91	02/12/93
SRS-DOE- 5480.7-EX-30	Building 233-H Stairway Width	09/03/91	10/13/92
SRS-DOE- 5480.7-EX-37	Building 184-K Automatic Fire Protection System	09/03/91	07/20/92
SRS-DOE- 5480.7-EX-38	Building 184-P Property Damage Limitation	09/03/91	07/20/92
SRS-DOE- 5480.7-EX-39	Building 484-D Property Damage Limitation	09/03/91	07/20/92
SRS-DOE- 5480.7-EX-40	Building 704-3B Dead End Corridor	09/03/91	07/20/92
SRS-DOE- 5480.7A-CSA-032	Fire Protection Corrections for 221-HB-Line Facility, Rev. 3a, 12/28/93	12/27/93	01/03/94
SRS-DOE- 5480.7A-CSA-110	Fire and Related Perils Protection Program, 8/10/93	11/22/93	12/10/93
SRS-DOE- 5480.7A-CSA-93-065	Fire Protection Corrections for 292-F, Rev. 3 , 8/01/94	08/04/94	09/05/94
SRS-DOE- 5480.7A-EX-102	Excessive Common Path of Travel, FB-Line Cold Feed Prep, Rev. 1, 11/24/93	12/08/93	03/02/94
SRS-DOE- 5480.7A-EX-93-038	Comprehensive Fire Protection and Related Perils Protection Program, 10/25/94	07/31/95	
SRS-DOE- 5480.7A-EX-93-042	Comprehensive Fire Protection and Related Perils Protection Program, 10/25/94	07/31/95	
SRS-DOE- 5480.7A-EX-94-070	Cold Shutdown, 08/23/94	07/31/95	
SRS-DOE- 5480.7A-EX-94-071	Comprehensive Fire Protection and Related Perils Protection Program, 08/23/94	07/31/95	
SRS-DOE- 5480.7A-EX-94-125	Fire Protection and Related Perils Protection Program, 10/24/94	01/25/95	06/16/95
SRS-DOE- 5480.7A-EX-94-128	Continuous Deionization System Facilities, 09/08/94, Rev. 0	01/20/95	

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RFA NUMBER	TITLE	DATE TO HQ	HQ APPROVAL
SRS-DOE- 5480.7A-EX-94-129	Building Separation and Monetary Loss, 11/29/94	07/21/95	
SRS-DOE- 5480.7A-EX-94-149	Lack of Automatic Fire Suppression System, 11/28/94	07/31/95	
SRS-DOE- 5480.7A-EX-94-158	Lack of Complete Automatic Fire Suppression System, 01/23/95	07/31/95	
SRS-DOE- 5480.7A-EX-94-162	Excessive Sq. Footage for a Facility Without an Automatic Fire Suppression System, 11/29/94	06/28/95	09/01/95
SRS-DOE- 5480.7A-EX-95-005	Lack of Complete Automatic Fire Suppression System, 5/02/95	07/31/95	
SRS-DOE- 5480.7A-EX-95-022	Building is not Provided with an Automatic Fire Suppression System, 5/31/95	07/31/95	
SRS-DOE- 5480.7A-EX-95-031	Lack of Automatic Fire Suppression, 5/30/95	07/31/95	
SRS-DOE- 5480.7A-EX-95-053	Lack of Automatic Suppression System, 8/31/95	12/08/93	03/02/94
SRS-DOE- 5480.7A-EX-95-062	Lack of Automatic Suppression System and Inadequate Water Supply, 8/31/95	12/08/93	03/02/94
SRS-DOE- 5480.8-EX-5	Periodic Health Examinations	09/30/91	12/03/91
SRS-DOE- 5480.8A-CSA-93-028	Medical Program: Employee Baseline Electrocardiograms, 10/28/93	11/22/93	12/15/93
SRS-DOE- 5500.1B-CSA-93-086	Hazards Assessment and Emergency Action Levels, Rev.1, 05/13/94		10/06/94
SRS-DOE- 5500.2B-CSA-93-072	DOE/Emergency Operations Center (EOC) Communications Capability, R 1, 5/17/95	12/09/93	12/15/93
SRS-DOE- 5500.2B-CSA-93-076	Hazards Assessment and Emergency Action Levels, 12/03/93	08/05/94	10/06/94
SRS-DOE- 5500.3A-CSA-175B	Savannah River Site Emergency Plan, 10/06/93	10/05/93	10/06/93
SRS-DOE- 5500.3A-CSA-176C	Hazards Assessments, 6/2/94	05/27/94	10/19/94
SRS-DOE- 5500.3A-CSA-188B	Emergency Action Levels (EALs), 10/6/93	10/05/93	10/06/93
SRS-DOE- 5500.3A-CSA-93-001	Hazards Assessment of FB-Line and the PSF, Rev. 1, 12/17/93	01/18/94	03/11/94

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RFA NUMBER	TITLE	DATE TO HQ	HQ APPROVAL
SRS-DOE- 5500.3A-CSA-93-002	Emergency Action Levels Based on Hazards Assessment, Rev. 1, 12/17/93	01/18/94	03/11/94
SRS-DOE- 5500.3A-CSA-93-005	Hazards Assessment of F-Canyon and Outside Facilities, Rev. 1, 12/17/93	01/18/94	03/11/94
SRS-DOE- 5500.3A-CSA-93-006	Emergency Action Levels Based on Hazards Assessment, Rev. 1, 12/17/93	01/18/94	03/11/94
SRS-DOE- 5500.3A-CSA-93-007	Personnel Accountability, 3/30/94, Rev. 2	04/01/94	06/02/94
SRS-DOE- 5500.3A-CSA-93-021	Self-Assessment Program, Rev. 1, 12/13/93	12/13/93	12/15/93
SRS-DOE- 5500.3A-CSA-93-024	Emergency Planning Zones, Rev. 1, 12/17/93	01/12/94	03/11/94
SRS-DOE- 5500.3A-CSA-93-073	Hazards Assessments to Determine the Size of the EPZ, Rev.2, 5/13/94	08/05/94	10/06/95
SRS-DOE- 5500.3A-CSA-93-074	Accountability for all Facility Personnel, 12/06/93	12/09/93	12/15/93
SRS-DOE- 5500.3A-CSA-93-078	Emergency Planning Zones, Rev. 1, 12/17/93	01/12/94	03/11/94
SRS-DOE- 5500.3A-CSA-94-127	Job Task Analysis for Site and Area ERO Positions, 6/10/94	06/20/94	07/11/94
SRS-DOE- 5700.6C-IP	Implementation Plan for DOE 5700.6C, Rev. 2, 4/21/94	04/04/94	08/05/94
SRS-DOE- 5820.2A-CSA-93-067	Low Level Waste (LLW) Management, Ch. III, Rev. 6, 3/29/94	06/24/94	08/05/94
SRS-DOE- 5820.2A-CSA-93-068	Low Level Waste Management, Rev.4, 9/20/94	06/24/94	09/13/94
SRS-DOE- 5820.2A-CSA-93-069	Transuranic (TRU) Waste Management, Ch. II, Rev. 4, 3/29/94	06/10/94	07/20/94
SRS-DOE- 5820.2A-CSA-93-095	Transuranic (TRU) Waste Management, Ch. II, Rev. 2	06/10/94	07/20/94
SRS-DOE- 5820.2A-CSA-93-098	Transuranic (TRU) Waste Management, Ch. II, Rev. 1, 2/28/94	03/31/94	09/15/94
SRS-DOE- 5820.2A-EX-94-114	Prevention of Restarts Following Loss and Recovery of Normal Electrical Power, 07/27/94	09/06/94	

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