

United States Government

Department of Energy  
National Nuclear Security Administration

# memorandum

DATE: JAN 28 2002

REPLY TO:  
ATTN OF: NA-53:JKimball:3-6413SUBJECT: DEFENSE NUCLEAR FACILITIES SAFETY BOARD RECOMMENDATION 2000-2  
IMPLEMENTATION PLAN COMMITMENT NO. 20, ANNUAL REVIEW OF  
ENVIRONMENT, SAFETY AND HEALTH ASSESSMENTS

TO: Distribution

The purpose of this memorandum is to provide guidance on site responses for commitment No. 20 of the Implementation Plan for Defense Nuclear Facilities Safety Board (DNFSB) Recommendation 2000-2 which reads:

*"Annually, LPSOs will review the results of ES&H assessments performed during the previous year and provide the Secretary with a summary report for each of their sites."*

DOE N 231.1, Environment, Safety, and Health Reporting Notice, which was approved on January 15, 2002, institutionalizes this commitment. Although there may not be sufficient time to fully implement DOE N 231.1 and its Contractor Requirements Document for the CY 2001 report, Attachment 2 of the Notice should be followed in lieu of section 4.3 of the Implementation Plan to the extent practical. Site reports will be due by the end of March, 2002 rather than the February schedule specified in the DOE 2000-2 Implementation Plan. The overall NNSA report is due to the Secretary on April 30, 2002. This schedule was communicated with DNFSB on December 17, 2001.

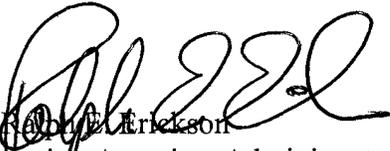
Field/Operations office summary reports will be included as an enclosure to the NNSA report to the Secretary. Input for major sites reporting to the field/operations office should be distinguishable. Reports should stand alone and not be dependent upon extensive lists of assessments which will not be forwarded to the Secretary. The CY 2001 field reports should be short (2 to 10 pages per field/operations or site office), executive summary style, with minimal technical jargon, addressing the following issues for each site:

- *Describe the implementation of DOE P450.5 ... and ISM ....* This is a brief description and is not intended to duplicate the summaries below. The process for assuring operability of the safety systems, including important defense-in-depth systems, and supporting programs should be described in sufficient detail to demonstrate that they are being assessed as part of the Environment, Safety and Health assessment process.

- *Summarize the schedule and scope of ES&H assessments....* This is a narrative summary, not a list. Assessments may be grouped by type rather than individually discussed.
- *Summarize the significant issues....* This section requires a summary of significant issues, corrective actions to address significant issues, and status of incomplete actions from previously identified significant issues. Emphasis is on the word "significant." Note any issues where the field manager has requested assistance. Briefly analyze the results that are linked to safety systems and related programs.
- *Discuss any lessons learned and any improvements....* This applies only to significant lessons and significant improvements. An example would be the institutionalization of Phase II type assessments.
- *Appendix list of ES&H assessments.* Rather than list every assessment, assessments may be combined or consolidated by type. In order to be responsive to DNFSB 2000-2, those assessments that include safety systems or programs related to safety systems should be identified. A suggested format follows, including some examples of the level of detail that would be suitable. In addition, provide a copy of the 2001 integrated assessment schedule if available.

<b>Table of ES&amp;H Assessments</b>				
<b>Assessment Type/Scope</b>	<b>Number of Assessments</b>		<b>Performing Organization</b>	<b>Safety Systems and Related /Programs</b>
	<b>Total</b>	<b>Safety Systems and Related Programs</b>		
<i>Configuration Management</i>	<i>32</i>	<i>14</i>	<i>Contractor Self-Assmt. Office</i>	<i>All VSS in Facilities A, B and E</i>
<i>Accuracy of Drawings</i>	<i>1</i>	<i>1</i>	<i>DOE Site Office</i>	<i>Facility X Confinement Ventilation</i>
<i>Fire Alarm Operability</i>	<i>315</i>	<i>57</i>	<i>Contractor Line Management</i>	<i>All site fire alarm systems</i>
<i>Injury/illness reporting</i>	<i>2</i>		<i>DOE Field Office</i>	
<i>2000-2 Phase I</i>	<i>91</i>	<i>91</i>	<i>Contractor Line</i>	<i>All VSS</i>
<i>2000-2 Pilot</i>	<i>1</i>	<i>1</i>	<i>HQ Team</i>	<i>Facility Z CVS</i>
<i>2000-2 Phase II</i>	<i>2</i>	<i>2</i>	<i>DOE Site Office and Contractor Team</i>	<i>Facility A Fire Protection and CVS</i>

Field/Operations offices where NNSA is LPSO should submit summary reports to NA-53 by March 29, 2002. Please provide an electronic copy of your response to [jeffrey.kimball@ns.doe.gov](mailto:jeffrey.kimball@ns.doe.gov). Where NNSA is not LPSO, NNSA managers should provide Mr. Kimball an electronic copy of any NNSA input to the Office of Environmental Management or Office of Science lead. Mr. Kimball can be reached at (301) 903-6413 if there are questions.



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