

July 19, 2004

MEMORANDUM TO: Glenn Tracy, Director  
Division of Nuclear Security  
Office of Nuclear Security  
and Incident Response

FROM: C. William Reamer, Director */RA/*  
Division of High-Level Waste Repository Safety  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: THE OFFICE OF NUCLEAR SECURITY AND INCIDENT RESPONSE  
SUPPORT FOR PHYSICAL SECURITY ISSUES RELATED TO THE  
PROPOSED YUCCA MOUNTAIN HIGH LEVEL WASTE GEOLOGICAL  
REPOSITORY

This memo is to document the follow-up actions resulting from the June 24, 2004, meeting among the Office of Nuclear Security and Incident Response (NSIR), Office of Nuclear Material Safety and Safeguards (NMSS), and the Office of General Counsel concerning physical security and material control and accounting (MC&A) at the proposed repository at Yucca Mountain. NSIR accepted two action items: (1) to provide NMSS with the name of a contact staff member to help facilitate interactions on issues in the physical security and MC&A areas; and (2) to provide NMSS with comments on the draft Action Plan (distributed at the meeting) for addressing issues in those areas. The Action Plan is attached to this memorandum for your convenience. I am hereby requesting that NSIR provide NMSS with the contact and the comments on the Action Plan by July 31, 2004.

Attachment:  
Yucca Mountain Safeguards and Security Action Plan - 4/28/04

CONTACT: N. King Stablein, NMSS/HLWRS  
(301) 415-7445

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**DISTRIBUTION:**

HLWRS r/f JMoore DCummings PKelley JShea JMarshall  
FBrown

**ML041980351**

\*See Previous Concurrence

<b>OFC</b>	HLWRS	HLWRS		
<b>NAME</b>	NKStablein*	CWReamer		
<b>DATE</b>	7/16/04	07/19/04		

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**YUCCA MOUNTAIN SAFEGUARDS AND SECURITY  
ACTION PLAN - 4/28/2004**

<b>ACTION</b>	<b>DUE DATE</b>
<b><u>Pre-License Activities</u></b>	
1. HLWRS staff (with NSIR and OGC support) conducts a technical exchange with DOE on safeguards & security at Yucca Mountain (YM) - NRC requirements	02/25/2004
2. HLWRS staff submits draft staffing plan to Director, HLWRS (NMSS), Director, DNS (NSIR), and General Counsel (OGC) for a Working Group on Safeguards & Security (WGSS) to review physical protection (PP), materials accounting and control (MC&A), and human intrusion (HI) issues in DOE's license application for YM. Said plan to identify proposed members of WGSS, their respective responsibilities, and estimates of staff hours involved.	06/30/2004
3. HLWRS staff submits a revised WGSS staffing plan to Director, HLWRS (NMSS), Director, DNS (NSIR), and General Counsel (OGC).	07/30/2004
4. WGSS conducts telecon with DOE to set the agenda for a technical exchange on Safeguards and Security at YM - DOE Plans.	09/09/2004
5. WGSS meets to discuss advance copies of DOE handouts for technical exchange.	09/23/2004
6. WGSS conducts a technical exchange with DOE on Safeguards & Security at YM - DOE Plans	09/30/2004
7. WGSS meets to discuss results of technical exchange and prepare for license application review	10/07/2004
<b><u>License Application Activities - Acceptance Review</u></b>	
8. DOE submits license application (including summary overview of PP, MC&A, and HI) for YM.	12/31/2004
9. WGSS meets to review summary overview of PP, MC&A, and HI in DOE's license application.	01/13/2005 01/20/2005
10. WGSS submits recommendations to Director, HLWRS that the summary overview of PP, MC&A, and HI is adequate or inadequate for docketing.	01/27/2005

<b>ACTION</b>	<b>DUE DATE</b>
<b><u>License Application Activities - SER Development</u></b>	
11. DOE submits detailed plans on PP, MC&A, and HI.	06/30/2005
12. WGSS meets to revise staffing plan, develop RAIs (if necessary) for PP, MC&A, and HI, and prepare SER for PP, MC&A, and HI.	07/07/2005 07/14/2005 etc. to 06/29/2006
13. WGSS submits a draft revised WGSS staffing plan to Director, HLWRS (NMSS), Director, DNS (NSIR), and General Counsel (OGC).	07/21/2005
14. WGSS submits a revised WGSS staffing plan to Director, HLWRS (NMSS), Director, DNS (NSIR), and General Counsel (OGC).	08/21/2005
15. WGSS submits draft RAIs for PP, MC&A, and HI to Director, HLWRS	08/31/2005
16. WGSS submits revised RAIs for PP, MC&A, and HI to Director, HLWRS	09/30/2005
17. WGSS submits draft SER for PP, MC&A, and HI to Director, HLWRS	05/31/2006
18. WGSS submits revised SER for PP, MC&A, and HI to Director, HLWRS	06/30/2006
<b><u>License Application Activities - post-SER Activities (if needed)</u></b>	
19. WGSS meets to revise staffing plan and prepare supplemental SERs for PP, MC&A, and HI	As needed
20. WGSS submits a draft revised WGSS staffing plan to Director, HLWRS (NMSS), Director, DNS (NSIR), and General Counsel (OGC).	As needed
21. WGSS submits a revised WGSS staffing plan to Director, HLWRS (NMSS), Director, DNS (NSIR), and General Counsel (OGC).	As needed
22. WGSS submits draft supplemental SERs for PP, MC&A, and HI to Director, HLWRS	As needed
23. WGSS submits supplemental SERs for PP, MC&A, and HI to Director, HLWRS	As needed