



Department of Energy
Office of Civilian Radioactive Waste Management
1551 Hillshire Drive
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QA: N/A
Project No. WM-00011

NOV 02 2006

OVERNIGHT MAIL

ATTN: Document Control Desk
Director, Division of High-Level Waste
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U.S. Nuclear Regulatory Commission
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TRANSMITTAL OF *FREQUENCY ANALYSIS OF AIRCRAFT HAZARDS FOR LICENSE APPLICATION* REPORT

Reference: Ltr, Kokajko to Williams, dtd 1/6/06 (Department of Energy Preliminary Revision of Frequency Analysis of Aircraft Hazards for License Application)

The referenced letter indicated that the U.S. Nuclear Regulatory Commission (NRC) intends to continue review of the U.S. Department of Energy (DOE) information related to a geologic repository at Yucca Mountain, Nevada, aircraft hazards. NRC requested that DOE provide subsequent revisions of the frequency analysis report to the NRC. In response to this request, Enclosure 1 is the report *Frequency Analysis of Aircraft Hazards for License Application*, 000-00C-WHS0-00200-000-00E, dated October 24, 2006. Enclosure 2 is a compact disk version of this report and is in a .pdf format containing 1653 KB. This report can be made publicly available. The purpose of the analysis is to estimate frequencies of aircraft hazards, categorize aircraft hazard event sequences for surface facilities, and identify design and operational requirements.

The referenced letter identified comments requiring documentation on the control of flight restrictions and clarification on credit for pilot action. The aircraft hazard analysis takes credit for a limited flight restricted area and operational constraints. Implementation of this approach will be developed and documented in the License Application. The second matter is clarified in the analysis showing that no pilot action is credited.

If you have any questions on this matter, please call me at (702) 794-5567 or e-mail mark_williams@ymp.gov, or Paul G. Harrington at (702) 794-5415 or e-mail paul_harrington@ymp.gov. There are no new regulatory commitments in this letter or its enclosures.


For Mark H. Williams, Director
Regulatory Authority Office

RAO:AVG-0031

Enclosures:

1. *Frequency Analysis of Aircraft Hazards for License Application*,
000-00C-WHS0-00200-000-00E
2. CD of Enclosure 1

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NOV 02 2006

cc w/encls 1 and 2:

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