

August 24, 2005

Dr. Asadul H. Chowdhury, Manager
Mining, Geotechnical, and Facility Engineering
Center For Nuclear Waste Regulatory Analyses
6220 Culebra Road
P.O. Drawer 28510
San Antonio, TX 78228-5166

SUBJECT: SUBMISSION OF INTERMEDIATE MILESTONE: ASSESSMENT OF
STRUCTURAL ROBUSTNESS AGAINST AIRCRAFT IMPACT AT THE
POTENTIAL REPOSITORY AT YUCCA MOUNTAIN – PROGRESS REPORT

Dear Dr. Chowdhury:

The U.S. Nuclear Regulatory Commission (NRC) staff has reviewed the Center for Nuclear Waste Regulatory Analyses (CNWRA) Intermediate Milestone Deliverable (IM) No. 20.06002.01.332.550, "Assessment of Structural Robustness Against Aircraft Impact at the Potential Repository at Yucca Mountain" The report summarizes progress made in developing staff capabilities to review and verify independently assessments that the Department of Energy may perform to demonstrate the robustness of certain structures of the proposed surface facilities at the potential geologic repository at Yucca Mountain.

The subject Intermediate Milestone report is considered acceptable to fulfill the Center's contractual obligations. However, NRC staff requests that CNWRA revise the report to address the enclosed comments. In addition, the NRC will communicate several other observations regarding the report and future work in the subject area by teleconference. If you have any questions on the contents of this letter, please contact me at (301) 415-5170 or via e-mail tjk1@nrc.gov.

Sincerely,

Timothy J. Kobetz,
Program Element Manager
Licensing and Inspection Directorate
Division High-Level Waste Repository Safety
Office of Nuclear Material Safety
and Safeguards

August 24, 2005

Dr. Asadul H. Chowdhury, Manager
Mining, Geotechnical, and Facility Engineering
Center For Nuclear Waste Regulatory Analyses
6220 Culebra Road
P.O. Drawer 28510
San Antonio, TX 78228-5166

SUBJECT: SUBMISSION OF INTERMEDIATE MILESTONE: ASSESSMENT OF
STRUCTURAL ROBUSTNESS AGAINST AIRCRAFT IMPACT AT THE
POTENTIAL REPOSITORY AT YUCCA MOUNTAIN – PROGRESS REPORT

Dear Dr. Chowdhury:

The U.S. Nuclear Regulatory Commission (NRC) staff has reviewed the Center for Nuclear Waste Regulatory Analyses (CNWRA) Intermediate Milestone Deliverable (IM) No. 20.06002.01.332.550, "Assessment of Structural Robustness Against Aircraft Impact at the Potential Repository at Yucca Mountain" The report summarizes progress made in developing staff capabilities to review and verify independently assessments that the Department of Energy may perform to demonstrate the robustness of certain structures of the proposed surface facilities at the potential geologic repository at Yucca Mountain.

The subject Intermediate Milestone report is considered acceptable to fulfill the Center's contractual obligations. However, NRC staff requests that CNWRA revise the report to address the enclosed comments. If you have any questions on the contents of this letter, please contact me at (301) 415-5170 or via e-mail tjk1@nrc.gov.

Sincerely,

/RA/

Timothy J. Kobetz,
Program Element Manager
Licensing and Inspection Directorate
Division High-Level Waste Repository Safety
Office of Nuclear Material Safety
and Safeguards

DISTRIBUTION: CNWRA 2005 0147

HLW r/f MShah BJagannath YKim CRyder RKJohnson MBailey
MWaters DDancer

ML052350538

OFC	HLWRS		HLWRS	
NAME	TKobetz		NKStablein	
DATE	08/24/05		08/24/05	

OFFICIAL RECORD COPY