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Dave Hermann, Chair
Community Advisory Board
for Nevada Test Site Programs
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RESPONSE TO COMMUNITY ADVISORY BOARD (CAB) LETTER DATED 9/24/2008

The Waste Management Project (WMP) would like to thank the CAB for Nevada Test Site (NTS) Programs for recommending parameters to include in the upcoming low-level waste transportation study.

The WMP was unable to validate the parameters and data from the 1996 low-level waste transportation study and therefore cannot incorporate them into the study. However, using the maximum regulatory limit should provide sufficient results for comparison purposes, providing a "worse case" scenario to compare to the average NTS shipment.

The study, scheduled to be completed in the fourth quarter of FY 2009, will use RADTRAN, incorporating updated population densities and typical scenarios (combinations of transportation equipment and containers) for waste received at the NTS in FY 2008. It will also include, at a minimum, accident and vehicle density rates. Two sets of dose rates will be used in the risk analyses:

- The maximum regulatory limit for domestic transport of Low Specific Activity or Surface Contaminated Object materials
- The shipment models derived with data from the August 2005 Desert Research Institute Study - *Assessing Potential Exposure from Truck Transport of Low-level Radioactive Waste to the Nevada Test Site*.

The routes to be analyzed will be based on shipment data from FY 2008 and begin at the entrance point in Nevada, with emphasis on highway NV-160. The following routes comprised 95% of the shipments:

- Southern Routes
 - I-40, US-95, NV-164, I-15, NV-160, US-95
 - I-40, US-95, NV-164, I-15, CA-127, NV-373 (Amargosa Valley), US-95 (alternative route)
- Northern Route
 - I-80, US-93, US-6, US-95

The final report, when completed, will be made available to the CAB and a briefing will be scheduled for discussion of the results. The WMP is appreciative of the CAB involvement and efforts in providing recommendations and looks forward to sharing the results with you.



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