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6220 Culebra Road • San Antonio, Texas, U.S.A. 78228-5166
(210) 522-5160 • Fax (210) 522-5155

September 20, 2004
Contract No. NRC-02-02-012
Account No. 20.06003.01.011

U.S. Nuclear Regulatory Commission
Attn: Mr. Mark S. Delligatti
NMSS/SFPO
One White Flint North
Mail Stop 6 G22
Washington, DC 20555

SUBJECT: Submission of Intermediate Milestone 06003.01.011.410, Staff Position on
Consequence Analysis

Dear Mr. Delligatti:

This letter lists the aircraft crash probability analysis related activities performed by the Center for Nuclear Waste Regulatory Analyses (CNWRA) for the Private Fuel Storage Facility task during fiscal year 2004. Based on my verbal agreement with Michael Waters of the U.S. Nuclear Regulatory Commission (NRC), this letter will fulfill the requirements for the subject milestone which is due on September 24, 2004.

These activities performed by the CNWRA include: (i) assisting NRC staff in developing staff position on the annual frequency of aircraft crashing onto the Private Fuel Storage Facility that may lead to a radiological release ("Unanalyzed Event Probability") and (ii) developing a staff position paper "NRC Staff's Response to the Atomic Safety and Licensing Board's Questions Concerning the Probability of an Accidental F-16 Crash into the Private Fuel Storage Facility" jointly with Dr. D. Damon of NRC. In this position paper, staff used two alternative data sets to estimate the probability of a crash exceeding a given impact speed. Dr. Damon used this information to estimate the Unanalyzed Event Probability. These activities complete the scope of the subject milestone.

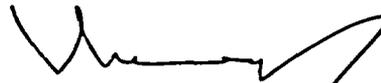


Washington Office • Twinbrook Metro Plaza #210
12300 Twinbrook Parkway • Rockville, Maryland 20852-1606

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If you have any questions concerning this milestone, please contact me at 210.522.5151 or Amit Ghosh at 210.522.3314.

Sincerely,



Asadul H. Chowdhury, Manager
Mining, Geotechnical, and
Facility Engineering

AHC: ar

cc: W. Brach
L. Camper
L. Campbell
R. Hall
W. Hodges
M. Waters
D. DeMarco
B. Meehan
E. Whitt (2 copies)
J. Monninger

W. Patrick
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