

May 19, 2003

MEMORANDUM TO: Michael Tschiltz, Chief
Probabilistic Safety Assessment Branch
Division of System Safety and Analysis
Office of Nuclear Reactor Regulation

FROM: Janet Schlueter, Chief /RA/
High Level Waste Branch
Division Waste Management
Office of Nuclear Material Safety
and Safeguards

SUBJECT: REQUEST FOR ASSISTANCE IN THE REVIEW OF THE U.S. DEPARTMENT
OF ENERGY REPORTS ON AIRCRAFT CRASH HAZARD ANALYSIS FOR
THE YUCCA MOUNTAIN SITE

The U.S. Department of Energy (DOE) is in the process of preparing a license application to dispose of High Level Radioactive Waste in a geologic repository at Yucca Mountain, NV. At present, DOE and NRC are in the prelicensing consultation phase. One of the technical items under discussions with DOE is the external hazard of aircraft crash at the site. The staff is currently reviewing DOE reports and is in need of assistance from technical specialists in NRR in this particular topic. The Projects and Engineering section of the High Level Waste Branch request the assistance of Dr. Kazimieras Campe of your branch in reviewing the information generated by DOE in this topic. Dr. Campe provided excellent assistance to the Office of Nuclear Material Safety and Safeguards in the review of and related hearing on the Private Fuel Storage (PFS) facility licensing action.

The scope of the assistance in the short term will be reviewing and providing comments on three reports by DOE. Dr. Campe will be guiding NRC staff and Amit Ghosh of the Center for Nuclear Waste Regulatory Analysis in this effort. Amit Ghosh will be the primary reviewer of this topic. Dr. Campe guided Amit Ghosh in the PFS project and is familiar with the kind of guidance needed. Based on results of the review, there will be interactions with DOE via telephone and meetings to discuss NRC comments on DOE's work. The estimated effort in the short term is about 480 hours of Kazimieras' time over the next twelve months. Two of the three reports are with NRC and the third report is expected in the near future.

M. Tschiltz

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If you need any more information concerning this matter, please contact Banad Jagannath of my staff at (301) 415-6653.

Please indicate your approval by signing below and returning this memorandum to me.

Approval: Michael Tschiltz

Date

M. Tschiltz

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If you need any more information concerning this matter, please contact Banad Jagannath of my staff at (301) 415-6653.

Please indicate your approval by signing below and returning this memorandum to me.

Approval: Michael Tschiltz _____

Date _____

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