

# **CNWRA** A center of excellence in earth sciences and engineering

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June 11, 2001  
Contract No. NRC-02-97-009  
Account No. 20.01402.461

U.S. Nuclear Regulatory Commission  
ATTN: Mrs. Deborah A. DeMarco  
Office of Nuclear Material Safety and Safeguards  
TWFN Mail Stop 8 A23  
Washington, DC 20555

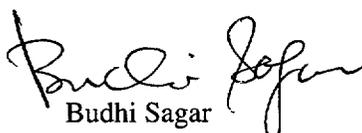
Subject: Submittal of Poster—Probabilistic Modeling of the Dispersion and Accumulation of Volcanic Ash Using a “Not-So-High Performance” PC Cluster

Dear Mrs. DeMarco:

Attached is a poster for presentation at the Society for International and Applied Mathematics (SIAM) conference in Boulder, Colorado. This poster is based on work done by Nathan Franklin, Charles Connor, and others. The poster describes the application and evaluation of a Beowulf Pentium Cluster to modeling of volcanic ash fall. The abstract for the poster, Probabilistic Modeling of the Dispersion and Accumulation of Volcanic Ash Using a “Not-So-High Performance” PC Cluster, was approved by NRC in an e-mail from J. Trapp on February 26, 2001. This poster will be presented at the SIAM conference on mathematical and computation issues in the geosciences on June 11, 2001, in Boulder, Colorado.

If you have any questions please contact Dr. Brittain Hill at 210-522-6087 or me at 210-522-5252.

Sincerely,

  
Budhi Sagar  
Technical Director

rae

Attachment

cc: J. Linehan    B. Meehan    S. Wastler    W. Patrick    N. Franklin  
     W. Reamer    J. Greeves    T. Essig    CNWRA Dirs    C. Connor  
     B. Leslie    J. Piccone    J. Trapp    CNWRA Element Managers    T. Nagy (SwRI Contracts)  
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