Sandia National Laboratories

P.O. Box 5800; Mail Stop 0748
Albuquerque, New Mexico 87185-0748

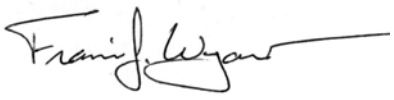
April 15, 2005

H. W. "Roy" Woods, Program Manager
Probabilistic Risk Assessment Branch
Office of Nuclear Regulatory Research
Mail Stop T-10E50
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Dear Mr. Woods:

Enclosed is the final Omega Point Laboratories report for the March 11, 2005, test conducted on the Hemyc Electrical Raceway Fire Barrier System. The results indicate failure of all system components in accordance with the acceptance criteria as specified in the test plan. Sandia has provided a number of supporting documents as attachments. If you have questions or comments, please feel free to call me at 505-844-5682.

Sincerely,



Francis J. Wyant, SMTS
Risk and Reliability Analysis Department
Telephone: 505-844-5682
E-mail: fjwyant@sandia.gov

Enclosures
Attachment 1: "Hemyc (1-Hour) Electrical Raceway Fire Barrier Systems Performance Testing - Conduit and Junction Box Raceways," Final Report, April 11, 2005, Omega Point Laboratories
Attachment 2: "Plan for Hemyc (1-Hour) and M.T. (3-Hour) Electrical Raceway Fire Barrier Systems Performance Testing," Rev. M, April 8, 2005, Sandia National Laboratories
Attachment 3: "Documents Supporting Hemyc Tests and Insulation Fabrication," Sandia National Laboratories
Attachment 4: Test Article Assembly and ERFBS Inspection Checklists, Sandia National Laboratories
Attachment 5: "Test Article Construction and Insulation Observation Notes," (March 4 – 11, 2005), Sandia National Laboratories
Attachment 6: Promatec Technical Procedures (8400.103, 8400.104, 8400.105, 8400.108 and 8400.109) all circa mid-1980's

Copy to (w/encl.):

USNRC	David C. Lew, Branch Chief, MS T-10E50
USNRC	Mark H. Salley, MS T-10E50
MS 0748	M. S. Allen (6861)
MS 0706	B. L. Levin (6113)
MS 0748	S. P. Nowlen (6861)
MS 0748	F. J. Wyant (6861), Project File: Y6817