## Sandia National Laboratories

P.O. Box 5800; Mail Stop 0748 Albuquerque, New Mexico 87185-0748 April 21, 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 25, 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 Cable Tray, Cable Air Drop and Junction Box Raceways," Final Report, April 20, 2005, Omega Point Laboratories
- Attachment 2: Test Article Assembly and ERFBS Inspection Checklists, Sandia National Laboratories
- Attachment 3: "Test Article Construction and Insulation Observation Notes," (March 4 25, 2005), Sandia National Laboratories
- Attachment 4: Promatec Technical Procedures (8400.101, 8400.102, 8400.105, 8400.108, 8400.109 and 8400.112) all circa mid-1980's

## Copy to (w/encl.):

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