

April 14, 2005

MEMORANDUM TO: David C. Lew, Chief
Probabilistic Risk Analysis Branch
Division of Risk Analysis Applications
Office of Nuclear Regulatory Research

FROM: Mark H. Salley, Team Leader /RA/
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SUBJECT: PUBLIC AVAILABILITY OF PRE-TEST PHOTOGRAPHS BY OMEGA
POINT LABORATORY (OPL) FOR HEMYC 1-HOUR FIRE RATED
ELECTRICAL RACEWAY FIRE BARRIER SYSTEM (ERFBS) TESTING

The purpose of this memorandum is to make the subject photographs available to all interested internal and external stakeholders. The office of Nuclear Reactor Regulation (NRR) has had requests from licensees wanting additional details of the attributes of the tested configurations so they could better evaluate their in-plant configurations and institute appropriate compensatory measures. In the interest of assisting the licensees in establishing compensatory measures, we are providing photographs of our full-scale configurations.

Attached to this memorandum are the pre-test pictures provided by OPL, 48 for test #1 (conduits) and 46 for test #2 (cable trays). Also attached are two "guides" to these photographs, one for each of the two tests. These guides were prepared to enable quick, positive identification of the Hemyc ERFBS attributes shown in each photograph. Note that the "guides" are plan views, and the majority of the photographs are elevation views, which are relatively easy to view using the guides. However, a few of the photographs were taken rotated 90 degrees from that orientation (i.e., they're elevation views "stood on their side), and should be rotated to match the guides. Since performing that rotation electronically will cause a reduction in available detail, it's left to the discretion of the user.

These photographs and guides will be made publically available before the April 29, 2005 public meeting; NRR plans to issue a revised meeting notice for that meeting containing the ADAMS accession number(s) for this material. Other relevant information has already been made publically available on ADAMS as follows: thermocouple (TC) maps and the TC data for both Hemyc tests are at ML050960301; a memorandum summarizing both Hemyc tests' results is at ML050880176; Information Notice 2005-07 is at ML050890089; and the latest version (Revision M) of the test plan is at ML051040306.

Please contact Roy Woods (x6622) or me (x2840) if you have questions or require further information.

Attachments: As stated

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