

National Aeronautics and
Space Administration

John H. Glenn Research Center
Lewis Field
Plum Brook Station
Sandusky, OH 44870



January 4, 2008

Reply to Attn of: QD

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Subject: Plum Brook Characterization Reports for the Plum Brook Reactor Facility,
Licenses Nos. TR-3, Docket No. 50-30 and R-93, Docket No. 50-185

Our letters of May 3, 2007 and June 7, 2007 submitted the first three in a series of reports on the radiological characterization studies of Plum Brook and Sandusky Bay in support of decommissioning activities at the Plum Brook Reactor Facility. The attachments are revisions to those previously submitted reports.

These reports were prepared by our contractor, Haag Environmental Company. They include a report on the conceptual model used in development of the characterization plan, characterization studies of the sediments in East Sandusky Bay, and characterization studies of the sediments in ponds.

Should you have any questions or need additional information, please contact me at NASA Plum Brook Station, 6100 Columbus Avenue, Sandusky, Ohio 44870, or by telephone at (419) 621-3277.

Sincerely,

A handwritten signature in black ink, appearing to read "Keith M. Peacock".

Keith M. Peacock
NASA Decommissioning Program Manager

Enclosures

1. Development of Conceptual Model as Basis for Characterization Plan- Plum Brook Reactor Facility
2. Characterization Report for Plum Brook Sediment in East Sandusky Bay
3. Characterization Report for Plum Brook Sediment in Ponds

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FSME

cc:

USNRC/C. J. Glenn (FSME)

USNRC/J. Webb (FSME) – CDROM copy

USNRC/W. G. Snell RIII/DNMS/DB – CDROM copy

USNRC/P. J. Lee RIII/DNMS/DB – CDROM copy

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