

National Aeronautics and
Space Administration
John H. Glenn Research Center
Lewis Field
Plum Brook Station
Sandusky, OH 44870



June 7, 2007

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

This letter submits the third report in a series of reports on the radiological characterization studies of Plum Brook and the Sandusky Bay in support of decommissioning activities at the Plum Brook Reactor Facility.

This report was prepared by our Contractor, Haig Environmental Company, and was reviewed and approved by NASA Project staff. It contains a discussion of the development of the conceptual model used in development of the characterization plan.

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.

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

Keith M. Peacock
NASA Decommissioning Program Manager

Enclosure

1. Development of Conceptual Model as Basis for Characterization Plan – Plum Brook Reactor Facility

cc:

USNRC/D. W. Nelson (NMSS) – CDROM copy
USNRC/J. Webb (NMSS)
USNRC/W. G. Snell RIII/DNMS/DB – CDROM copy
USNRC/P. J. Lee RIII/DNMS/DB – CDROM copy
ODH/R. E. Owen – CDROM copy
ODH/R. M. Snee – CDROM copy

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bcc:
QD/Official File