

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



May 3, 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 first two in a series of reports on the radiological characterization studies of Plum Brook and the Sandusky Bay. These reports are in support of decommissioning activities at the Plum Brook Reactor Facility.

These reports were prepared by our contractor, Haag Environmental Company. They include characterization studies of the sediments in East Sandusky Bay and ponds at the Plum Brook Country Club.

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

A handwritten signature in black ink, appearing to read "Keith M. Peacock", with a stylized, flowing script.

Keith M. Peacock
NASA Decommissioning Program Manager

Enclosures (2)

1. Characterization Report for Plum Brook Sediment in East Sandusky Bay
2. Characterization Report for Plum Brook Sediment in Ponds

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
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