

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



April 10, 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 letter of February 11, 2008 submitted the fifth 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 attachment is a revision to that previously submitted report.

This report was prepared by our contractor, Haag Environmental Company, and was reviewed and approved by NASA Project staff. It discusses the study of sediments in the stream mouth wetlands of Plum Brook near Sandusky, Ohio.

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 "K. Peecook", with a long horizontal flourish extending to the right.

Keith M. Peecook
NASA Decommissioning Program Manager

Enclosure

1. Characterization Report for Plum Brook Sediment in Stream Mouth Wetlands

NMSS01
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

ODH/M. J. Rubadue – CDROM copy