

National Aeronautics and
Space Administration

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



May 15, 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

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

This report was prepared by our contractor, Haag Environmental Company, and was reviewed and approved by NASA Project staff. It discusses the investigation of the potential distribution of a radioactive material in the floodplain wetlands of Plum Brook.

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", with a stylized flourish at the end.

Keith M. Peacock
NASA Decommissioning Program Manager

Enclosures

Characterization Report for Plum Brook Sediment in Food Plain Wetlands

A020

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