

DED/PCB

APR 20 1994

National Aeronautics and Space
Administration (NASA)
ATTN: Mr. Donald Campbell
Director
Lewis Research Center
21000 Brookpark Road
Cleveland, OH 44135

License No. SNM-0746 (terminated)
Docket No. 070-00807 (terminated)
License No. SNM-0716 (terminated)
Docket No. 070-00351 (terminated)

Dear Mr. Campbell:

SUBJECT: INSPECTION OF FORMER ATOMIC ENERGY COMMISSION (AEC) LICENSED SITES
(NRC REPORT NO. 999-90003/94027(DRSS))

This refers to the special inspection conducted by Messrs. D. G. Wiedeman and S. McDuffie of this office on March 14-18, 1994, of your facilities located at the Lewis Research Center, Cleveland, Ohio and Plum Brook Reactor Facility (PBRF) site in Sandusky, Ohio. This inspection was in response to a NRC contractors review of terminated AEC license files. Licensed activities were previously authorized by Atomic Energy Commission (AEC) Special Nuclear Material Licenses No. SNM-0746 and No. SNM-0716. Our preliminary findings were discussed with members of your staff at the conclusion of the inspection on March 18, 1994. This also refers to the April 7, 1994, telephone conversation between D. G. Wiedeman and M. Blotzer of your staff regarding the results of our laboratory analysis of samples collected at the time of our inspection.

The enclosed copy of our inspection report identifies areas examined during the inspection. The inspection consisted of a selective examination of representative records from the former license files, observations, independent measurements, and interviews with employees and contractors of NASA.

Based upon this inspection, we were unable to conclude that the following rooms were free of residual contamination because sources and/or radioactive wastes were being stored in the rooms: Building 49, Room H-10 (now Room 9), Room 13-A and C-5. All other buildings and laboratories where special nuclear materials were used were decontaminated to a residual radiation level consistent with current NRC guidelines.

Within 60 days from the date of this letter, please provide this office with written confirmation that Rooms H-10 (now Room 9), 13-A and C-5 are free of any residual contamination from NASA's former use of special nuclear material.

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National Aeronautics and
Space Administration(NASA)

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In accordance with 10 CFR 2.790 of the Commission's regulations, a copy of this letter, the enclosure and your response to this letter will be placed in the NRC Public Document Room.

We will gladly discuss any questions you have concerning this inspection.

Sincerely,

Gary L. Shear, Chief
Fuel Cycle and Decommissioning Branch

Enclosure: Inspection Report
No. 999-90003/94027(DRSS)

cc w/enclosure:

R. Owen, Ohio Department
of Health

M. Blotzer, NASA, Lewis
Research Center

H. Pfanner, NASA, Plum
Brook Station

bcc w/enclosure:

P. Goldberg, NMSS
PUBLIC (IE07)

YES

RIII
Wiedeman/dp
04/14/94

YES

RIII
SMO
McDuffie
04/19/94

RIII
McCann
4/19/94

RIII
Shear
4/20/94