



Westinghouse
Electric Corporation

Westinghouse Building
Gateway Center
Pittsburgh Pennsylvania 15222

April 9, 1996

Ronald R. Bellamy, Ph.D., Chief
Decommissions and Laboratory Branch
Nuclear Materials Safety
U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406-1415

Subject: Bloomfield Lamp Plant Trench Closure Package, Building 7 Courtyard,
Building 7 First Floor, Building 7/8 Trench, Building 8/9 Trench,
Building 9/10A and the Dose Assessment, License No. SMB-1527
(Mail Control No. ~~115462~~)

117265

Dear Dr. Bellamy:

Westinghouse Electric Corporation has completed the remediation of Buildings 7, 8, 9 and 10A and surrounding property on the east side of Arlington Avenue of the Bloomfield Lamp Plant. This is the first of two remaining documentation submittals supporting the termination of Westinghouse's radioactive material license (east side) and release of the site for unrestricted use. This report is also provided as a supplement to the *Radiological Decontamination Confirmatory Survey, Westinghouse Bloomfield Lamp Plant Buildings 7, 8, and 9 (includes Building 10A)*, issued in 1992. The property and buildings on the west side of Arlington Avenue were previously released by the NRC on 5/23/93. The final survey report for Buildings 7, 8, 9 and 10A and the surrounding property on the east side of Arlington Avenue will be issued under separate cover.

This submittal contains two copies each of the following documents.

- 1) Building 7 Courtyard Trench Closure Package, January 1996, Revision 0
- 2) Building 7, First Floor Area Closure Package, February 1996, Revision 0
- 3) Building 7/8 Trench Closure Package, January 1996, Revision 0
- 4) Building 8/9 Trench Closure Package, January 1996, Revision 0
- 5) Building 9/10A Trench Closure Package, January 1996, Revision 0
- 6) Dose Assessment Report, February 1996, Revision 2

The trench closure packages document the remediation work performed on the interior underground sewer and drain lines in Building 7 (First Floor) and the external drain lines to

AD 4/11/96
117265

April 9, 1996
Page 2

Buildings 7, 8, 9 and 10A. Also included in the trench closure packages are the soil sample gamma spectroscopy results for the trenches and overburden soil, gamma spectroscopy data summaries, calculations of weighted release criteria (per NUREG 5849), and survey data for structures (e.g. foundation walls, piping) associated with each trench.

There are only three areas which exceed the established soil limits and/or guidelines in Regulatory Guide 1.86. The first area is located beneath the basement floor in Building 7 from which the subsurface drain piping has already been removed. The second area involves a subsurface storm pipe under the first floor of Building 7 and the third is an external storm sewer system.

Westinghouse is submitting a dose assessment report to address these particular areas rather than removal. The dose assessment report calculates the actual dose impact associated with the residual radioactive material. The results clearly demonstrate that removal would not significantly reduce the dose impact and that the costs associated with removal are not warranted.

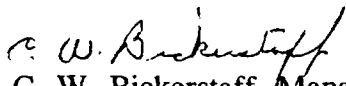
Westinghouse is currently preparing the final survey report for the Buildings 7, 8, 9 and 10A structures. This document will be submitted to you in approximately 30 days.

The open exterior trenches at the site present a potential safety concern for intruders. The local residents have also expressed a desire to have the trenches backfilled to improve the aesthetics. Westinghouse plans to do this as soon as the weather will permit. We are requesting the NRC perform a preliminary review of the trench closure packages and provide any comments which would prohibit closing the exterior trenches.

If you have any questions, please call:

C. W. Bickerstaff, Manager
Industrial Hygiene and
Radiation Safety Officer
License #SMB 1527
(412) 642-3880

Sincerely,


C. W. Bickerstaff, Manager
Industrial Hygiene
Environmental Affairs

Attachments