



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20556

322

May 19, 1982

FEDERAL GOVERNMENT

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[Redacted]
Federal Bureau of Investigation
10th & Pennsylvania Ave., N.W.
Room #4249
Washington, D.C. 20535

Dear [Redacted]

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Divert

Attached is the summation of the material accounted for during the decommissioning effort being pursued at Apollo. This was provided to our Public Affairs Office and to the Washington Post. Mr. Tom O'Toole of the Post, is writing an article concerning Apollo and requested up-to-date information.

Robert F. Burnett, Director
Division of Safeguards
Office of Nuclear Material Safety
and Safeguards

Attachment:
As stated

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 6-13-85 BY 56893/RS
PER NRC letter 6-4-85

117-2564-541

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1- ENCLOSURE

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5/12/82 Revised

BABCOCK AND WILCOX, APOLLO, PENNSYLVANIA

Highly Enriched Uranium Operations

- o Processing activities involving highly enriched uranium began in 1957 and ceased in 1978.
- o Decommissioning began in 1978 and is still continuing.
- o There is no fixed date as to when decommissioning activities will be completed.

Cumulative HEU Inventory Difference

- o The cumulative ID for the operating period from 1957-1978 is 463 kilograms U-235
- o The total amount of material accounted for to date as a result of the decommissioning effort is 95 kilograms U-235. 71 kilograms U-235 of the 95 kilograms U-235 were returned to the DOE in the form of U_3O_8 ; the remainder was shipped to burial. Additionally, licensee measurements indicate that approximately 31 kilograms U-235 are held up in the walls and floors. The resulting total cumulative ID for the period from 1957 to the present is 368 kilograms U-235.

ALL INFORMATION CONTAINED

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DATE 6-13-85 BY 5268 SLD/KJ

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ENCLOSURE