

B. H. Grier, Senior Reactor Inspector
Division of Compliance, HQ

13 FEB 1967

THRU: J. P. O'Reilly, Senior Reactor Inspector
Region I, Division of Compliance

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U. S. ARMY MATERIALS RESEARCH AGENCY - WATERTOWN ARSENAL
CO REPORT NO. 47/67-1

I continue to be favorably impressed with the operation of this facility.

O'Connor tells me that, in making a containment leak rate test, he reads the differential manometer to 1/20". He further stated that he could probably decrease the leak rate considerably if he did a preliminary test, fixed leaks and then did a final test. Most of the leaks are known to be around the airlocks - mechanical penetrations and seals. To date, the tests have been made with all equipment in an as-is status, and the results have always been below Hazard Summary Report and technical specification limits.

O'Connor is presently dickering with DRL for a 5 MW license. I have not been successful in persuading him to test the absolute filters. DRL may wish to consider requiring such a demonstration.

cc: L. Kornblith, Jr., CO:HQ

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