

UNITED STATES GOVERNMENT

Memorandum

TO : Files

DATE: APR 12 1965

FROM : C. E. MacDonald (SM)
Source & Special Nuclear Materials Branch
Division of Materials Licensing

SUBJECT: E. I. du PONT de NEMOURS & COMPANY, WILMINGTON,
DELAWARE, DOCKET NO. 40-6664, REQUEST FOR
WITHHOLDING PURSUANT TO 10 CFR 2.790(b)

In connection with a request for license renewal dated October 30, 1964, du Pont requested that Appendix B be withheld from public inspection as provided in Section 2.790 of 10 CFR 2.

Appendix B describes the process steps for the manufacture of dispersion-modified metals. They include the preparation of thorium sol from thorium oxalate, methods for the precipitation of mixed oxides, and the conversion of the mixed oxides to metal. The typical mesh sizes of the granulated non-pyrophoric final product are also identified. An evaluation of the potential hazards associated with each step of the processes is included in the process description. This evaluation goes beyond that normally required for licensing this kind of operation. The remainder of the application contains adequate health and safety information.

Also included in Appendix B is Drawing No. NRC-3183 showing the equipment and arrangement of the first floor area of the Dispersion Modified Metals Small Lots Manufacturing Unit.

There is no question in my mind that this information is proprietary, and should be withheld. JMS 4/12/65



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