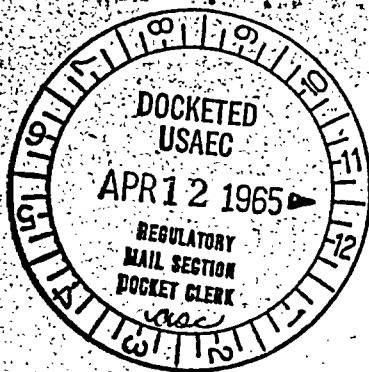


DOCK T NO. 70-820

TWX INCOMING

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File Code



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U.S. ATOMIC ENERGY COMM.
TWX UNIT

TO DONALD NUSSBAUMER SOURCE & SPECIAL NUCLEAR MATERIALS BRANCH
DIVISION OF MATERIALS LICENSING U S A E C MARYLAND

PLEASE APPROVE THE REVISION AND/OR AMENDMENT OF SNM777 SECTION 300
PARAGRAPH 304.6 TO READ AS FOLLOWS---

AFTER THE ADU, UC2 OR SIMILAR COMPOUNDS \DENSITY LESS THE 3.2 GMS PER
CC\ WHICH REQUIRE HIGH TEMPERATURE REACTIONS ARE DRIED, THE TWO TRAYS
OR BOTTLES ARE TRANSFERRED ONE AT A TIME THROUGH THE DRYIG OVEN, VIA
THE DISCHARGE DOOR, TO THE REACTOR LOADING GLOVE BOX, 1-L-20. THE DRY
MATERIAL IS SCRAPED OFF OR EMPTIED INTO A FUNNEL IN THE BOTTOM OF THE
GLOVE BOX WHICH CHARGES THE REACTOR \1-R-2\, A 5-INCH DIAMETER BY 3 FT.
11 INCH LONG TUBE WITH A FLANGED TOP. THE REACTOR IS FILLED AS IT
RESTS IN THE REACTOR LOADING CART 1-X-16, SHEET A-905, UNDER HOOD 1-L-20.
A STREAM OF OXYGEN, NITROGEN, AMMONIA, STEAM, OR OTHER GAS IS PASSED UP
THROUGH THE HEATED MATERIAL. THE GAS FLOW IS METERED AT RATES DETERMINED
BY PROCESS CONDITIONS\ FOR EXAMPLE, AN OPERATING RATE OF STEAM FLOW IS
12 CUBIC FT. PER HOUR, OF OXYGEN-20 CUBIC FEET PER HOUR, OF AMMONIA -20
CUBIC FEET PER HOUR.

C-102