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August 13, 1965

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UNITED NUCLEAR CORPORATION, NEW HAVEN, CONNECTICUT, AND WOOD RIVER JUNCTION,
RHODE ISLAND - SHIPMENT AND STORAGE IN FIVE-INCH SCHEDULE 40 PIPES - DOCKET
NOS. 70-371 AND 70-820, TWO LETTERS DATED JULY 30, 1965

SYMBOL: DML:RHO

UNC has requested a license amendment to permit the establishment of a storage area of 5" pipes in a horizontal plane on 16-inch centers both at New Haven and Wood River Junction. Separation between pipes will be provided by concrete blocks at each end or similar rigid non-combustible structural material. The uranium will be in the form of scrap material with a U-235 density less than 3.2 g per cubic centimeter. The areas will be covered by the monitor alarm system and separated by at least 12' from other special nuclear material.

In addition, shipment of uranium-bearing scrap material having a "typical" density less than 3.2 g U-235 per cubic centimeter in a 5-inch Schedule 40, 12' long pipe has been requested. Each pipe will be closed with a standard pipe cap or blind flange. Shipments are limited to one pipe at a time with exclusive use of the truck.

We recommend approval of the subject license amendment applications, provided:

1. The uranium-bearing scrap material will not have a U-235 density which exceeds 3.2 g per cubic centimeter;
2. The storage areas are appropriately posted with signs stating the nuclear safety limits; and,
3. Mr. Christian Beck reviews the structural integrity of the pipe during shipment and concludes that special nuclear material will remain within the pipe in the event of an accident.

cc: Christian Beck, DML

OFFICE ▶	DML	DML				
SURNAME ▶	RHOdegaard	CDLuke				
DATE ▶	8/13/65	8/13/65				