

MCDONNELL *Aircraft Corporation*
Lambert Saint Louis MUNICIPAL AIRPORT • BOX 516, ST. LOUIS 3, MO.

29 APR 1960

USAEC-764-31

DOCKET NO. 40-29

U. S. Atomic Energy Commission
Division of Licensing and Regulation
Washington 25, D. C.


Attention: J. C. Delaney, Chief, Nuclear Materials Section

Subject: Renewal of AEC License to Receive Source Material

Reference: (a) J. C. Delaney letter LRL:ND 40-29 dated 5 April 60
(b) O. F. Everson letter USAEC-764-24 dated 28 Mar 60

1. This is in reply to the questions submitted in Reference (a) in the order in which they appear.
 - (1) The quantity of material to be licensed is approximately 20,000 pounds per year.
 - (2) As to a detailed description of the use of thorium-magnesium alloy, we are presently using this material for wing skins and fuselage skins on both aircraft and missiles.
 - (3) At the present time we are doing no grinding, welding, or chemical operations on this material, but in the future we propose to do automatic spot welding which will be done under a hood and will be ventilated.
 - (4) Surveys are conducted once each month to determine the air-borne radioactivity within the storage and manufacturing areas and the instruments used for these surveys is a tracer lab SUL4 with a G.M. Gamma Beta Tube and an Alpha Tube, and also the Victoreen Model 740A Ionization Chamber.
 - (5) Type of waste generated is sheared sheet remnants and clippings, and method of disposal of this waste is to resell it to the producer.

MCDONNELL AIRCRAFT CORPORATION


O. F. Everson, Purchasing Agent

OFE/adh



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