

DOCKET NO.

70-139
File 4

ENGELHARD INDUSTRIES, INC.

D. E. MAKEPEACE DIVISION

PINE & DUNHAM STREETS
ATTLEBORO, MASS.
ATTLEBORO 1-0090

February 19, 1960

U. S. Atomic Energy Commission
Germantown,
Maryland

ATTN: Mr. J. C. Delaney
Div. of Licensing & Regulation

REF: Feasibility Report DEM-10 - *See Report's FILE.*
Westinghouse Test Reactor Fabrication
SNM-185 Docket 70-139

Gentlemen:

We are enclosing herewith four (4) copies of the subject feasibility report covering the fabrication of up to three hundred (300) three tube concentric uranium-aluminum fuel elements for the Westinghouse Test Reactor.

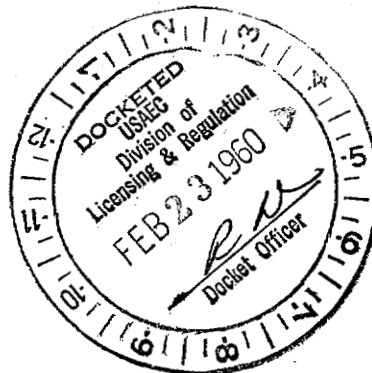
We would appreciate your considering this material as a request for an amendment to our Special Nuclear Material License to enable us to proceed with fabrication. A great many of the operations outlined here are already covered in earlier amendments to our license and we trust that favorable action on your part can be made in the shortest possible time.

In the event that there are any questions pertaining to this, please do not hesitate to call us collect at North Attleboro, Myrtle 5 - 9358.

Very truly yours,

D. E. MAKEPEACE DIVISION

John H. Durant
John H. Durant
Business Manager



JHD/bs
encls:
via: AIR MAIL

*a copy of this
appl. sent Inspection
2-25-60*

DOCKET NO. 70-139

ENGELHARD INDUSTRIES, INC.

File Copy

D. E. MAKEPEACE DIVISION

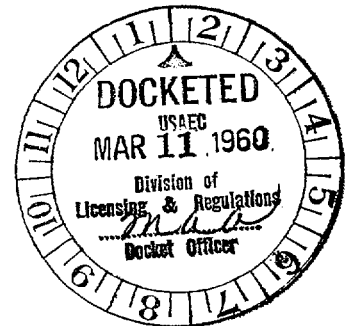
PINE & DUNHAM STREETS
ATTLEBORO, MASS.
ATTLEBORO 1-0090

March 8, 1960

U. S. Atomic Energy Commission
Division of Licensing and Regulation
Materials Branch
Germantown, Maryland

ATTN: Mr. J. C. Delaney

REF: Docket 70-139, SNM-185
Permit to Incinerate Combustible Waste



Gentlemen:

This is in response to your letter of February 25th requesting a more detailed description of the radiation safety procedures to be followed in handling the ashes from our incinerator to the ultimate storage and shipping container. We wish to advise as follows:

Ashes will be removed after burning with a long handled shovel and placed in the appropriate container. The person performing this operation will be wearing a respirator. Air monitoring of the immediate area will be performed during the course of and for 15 minutes after the ash removal has been completed to assure that the maximum permissible limit of 1.7×10^{-13} microcuries per milliliter of air has not been exceeded. This monitoring will be performed under the supervision of Health-Physics personnel.

In the event that a strong wind is blowing when ashes are to be removed, portable shields will be moved into position around the incinerator to prevent the scattering of ashes. A cyclone fence surrounding the incinerator and the entire back yard will prevent the access of unauthorized persons.

We trust that the foregoing will enable you to act favorably on our application. Thank you very much.

Very truly yours,

D. E. MAKEPEACE DIVISION

John H. Durant
John H. Durant
Business Manager

JHD/bs

DOCKET NO. 70-139

CHG
LET

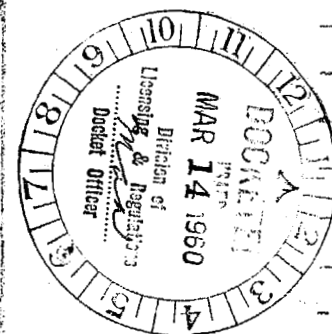
DESCRIPTION

DATE BY APP. CHG. NO.

EXHIBIT 'D'

DOCKET NO. 70-139

File by
(Trans. w/lt
3-11-60)



NOTE

25 CONTAINERS PER ARRAY TOTAL 100

G-2	G-1	ITEM	DRAWING NO.	DESCRIPTION	PROJECT NO.	USED ON ASS'Y
QUANTITY	NO.					
TOLERANCES UNLESS OTHERWISE SPECIFIED			APPROVED	DATE	FINISH & SPECIFICATION	
DECIMAL	± .005		DRAWN	3/11/60	TITLE	
FRACTIONAL	± .004"		CHECKED		PRC PIN STORAGE RACKS	
ANGULAR	± .1°		APPROVED	3/11/60	MATERIAL & SPECIFICATION	
BREAK ALL SHARP EDGES			<p>ENGINEERED INDUSTRIES, INC.</p> <p>D. E. MAKEPEACE DIVISION</p> <p>ATTLEBORO, MASS</p>			
REMOVE ALL BURRS			SCALE		SIZE	DRAWING NO.
			A		A	50053
					REV.	