

DOCKET NO.

70-139

For Div of Inspection

ENGELHARD INDUSTRIES, INC.
D.E. MAKEPEACE DIVISION
Pine & Dunham Streets
Attleboro, Massachusetts

ATTLEBORO 1-0090

April 20, 1960.

United States Atomic Energy Commission
Germantown, Maryland

Attention: Mr. J. C. Delaney,
Division of Licensing and Regulation Materials Branch

Reference: SNM-185
Docket 70-139

Gentlemen:

Further to our letters of March 11 and March 26, we are planning to commence the production of a second enriched core for the Enrico Fermi Fast Breeder Reactor. We have constructed additional storage space for finished fuel pins. We propose to undertake receipt and fabrication of the additional uranium within the next five weeks. This material will be phased into our operations in accordance with procedures outlined in our feasibility report DEM-5 Revision A. We propose to perform second core fabrication as a sequential program rather than a concurrent program so that limits on amounts of uranium 235 through the various unit operations in manufacture will continue as stated earlier in our report and amended by our license.

The additional amount of material will be in storage either as raw material or as finished inventory as outlined in our March 11 request. It is our belief that the current scope of our license, together with amendments now in process cover this situation so that this letter is furnished to you primarily for information. In the event that the Commission feels that additional licensing action is required, please consider this letter as an application for amendment.

Thank you very much.

Very truly yours,

D. E. MAKEPEACE DIVISION

John H. Durant
John H. Durant
Business Manager

JHD/rp