

UNITED STATES GOVERNMENT

# Memorandum

TO : File

DATE: June 28, 1967

FROM : J. C. Glynn, Irradiated Fuels Branch  
Division of Materials Licensing



SUBJECT: AI REQUEST TO DEMONSTRATE 30,000 AND 15,000 CURIE ~~PA~~ 147 HEATERS

Upon completion of my review of AI's request dated June 5, 1967, I called Mr. Alexander (June 26) and requested the following information:

1. Is depleted uranium used in the shield material?
2. Would he be more specific in terms of defining how, where, etc., these devices will be demonstrated.
3. Because of the small physical size of these heaters, would he be more specific as to how loss, theft, etc., will be guarded against.
4. How would AI determine or become aware that either device may have suffered a containment failure?
5. What temperatures will the device reach when chained to the transport case?
6. Will the devices contain the aluminum foil label mentioned in their application?

Mr. Alexander agreed to forward this information to us.

7. Information describing the test sources eg, dimensions, weight, in fact that <sup>4</sup>Pu-147 is encapsulated, etc.

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