

Lyall W. Johnson, Chief  
Licensing Branch

MAR 7 1958

Clifford K. Beck, Chief  
Hazards Evaluation Branch

CLYVITE RESEARCH CENTER SNM REQUEST  
DOCKET NO. 70-133, Project 165

In reply to your memorandum of January 31, 1958, we have reviewed the applicant's procedures to avoid inadvertent criticality.

These procedures have been set down in adequate quantitative detail only in the applicant's submission numbered S.P. No. CR-17-A. Since this document is concerned with specific criticality control procedures for the Aktisbalaget Atomenergi R2 Reactor fuel elements, we have concluded that procedures for other projects will be different, and have not been described in sufficient detail for their evaluation. It is, therefore, recommended either:

1. that the applicant be requested to supply information similar to that included in S. P. No. CR-17-A, but applicable to the facility in general rather than to a specific project; or
2. that a license be issued for the R2 reactor fuel elements only. It is our opinion that the information submitted indicates adequate provision to prevent inadvertent criticality if the procedures outlined for this project are followed.

The application material you forwarded is returned herewith.

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## Office Memorandum • UNITED STATES GOVERNMENT

TO : Lyall E. Johnson, Chief  
Licensing Branch

FROM : Clifford K. Beck, Chief  
Hazards Evaluation Branch

SUBJECT: CLEVITE RESEARCH CENTER SNM REQUEST  
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OFFICE ▶	HEB DL&R	HEB DL&R			
SURNAME ▶	Schlesinger	CKBeck			
DATE ▶	3/7/58	3/7/58			