

DEC 12 1989

DOCKET NO: 70-25

LICENSEE: Rocketdyne Division
Rockwell International Corporation
Canoga Park, California

SUBJECT: SAFETY EVALUATION REPORT, AMENDMENT APPLICATION DATED NOVEMBER 2,
1989, RE: CHANGE IN POSSESSION LIMITS

Background

In the subject amendment application, Rocketdyne requested authorization to decrease their possession limits.

Discussion

Since the licensee will only be conducting research and development utilizing a maximum of 6 g of plutonium, their possession limits need to be decreased. Accordingly, it is recommended that Conditions 7 and 8 be revised as follows:

- 7.A. Contamination
- 7.B. Contamination
- 7.C. In-process material

- 8.A. 400 grams U-235*
- 8.B. 400 grams total Pu*
- 8.C. 6 grams total Pu*

*Enriched uranium and plutonium in combination not to exceed 400 grams.

As a consequence of the changes to Conditions 7 and 8, it is recommended that Condition 10 be revised to delete references to existing Conditions 8.B.2 and 8.C which are deleted or revised by this amendment. Condition 10 should read as follows:

10. Authorized place of use: Building 020 and other authorized buildings at the licensee's Santa Susana Field Laboratory in Chatsworth, California, as described in the referenced application and supplements. Notwithstanding the statements in Section 1.2, the Canoga Park facilities and Building 055 at the SSFL site are not authorized as places of use under this license.

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Conclusion/Recommendation

Staff finds that the proposed changes to the license will have no adverse effect on the public health and safety or the environment. Approval of the amendment application is recommended.

The Region V Principal Inspector has no objection to this proposed action.

Original Signed By:

Charles H. Robinson
Uranium Fuel Section
Fuel Cycle Safety Branch
Division of Industrial and
Medical Nuclear Safety, NMSS

Approved by: Original Signed By:
George H. Bidinger, Section Leader

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