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SANTA BARBARA • SANTA CRUZ

THE FACTS AND FIGURES IN THIS DOCUMENT ARE NO LONGER
TIMELY OR ACCURATE. THEY SHOULD BE CONSIDERED ONLY
IN A HISTORICAL CONTEXT.

2567 Boelter Hall
SCHOOL OF ENGINEERING AND APPLIED SCIENCE
LOS ANGELES, CALIFORNIA 90024

August 29, 1979

10 CFR 2.790

Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Operating Reactors
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

License R-71

Subject: Safeguards Upgrade Rule
Reference: Letter of 7/30/79 to all nonpower reactor licensees

Dear Mr. Reid:

Due to the sensitive nature of the contents of this letter, we request that this document be withheld from public disclosure pursuant to Section 2.790 of 10 CFR Part 2.

New physical security plans will be submitted with our license renewal application, due in February 1980, and hence within the 120 day interval following November 21, 1979.

In response to your specific questions regarding our needs for SNM, we submit the following:

- 1) we require a total of approximately 9.0 kg of SNM;
- 2) we require approximately 3.6 kg of SNM in the reactor core;
- 3) we require approximately 4.7 kg of cold SNM in storage; we possess a further 0.7 kg of irradiated SNM in our fuel storage pits awaiting shipment; and
- 4) none of the above mentioned material can be exempted by the 100 rem/hr at 3 feet criterion.

We note that the

Under the above circumstances, we do not possess SNM in excess of the formula quantity at any individual site under our license. Accordingly, our physical security plan(s) will be geared to the two non-contiguous sites containing SNM of moderate strategic significance.



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Remotely related to the foregoing, we submitted Amendment 4 to our Security Plan under the assumption that 0.7 kg of SNM irradiated fuel was shortly to be shipped to ICRP, Idaho Falls. Delays by the recipient, now Exxon Nuclear Idaho Co., Inc., prohibited the schedule. Our current target shipping date is December 15, 1979.

Sincerely,

A handwritten signature in cursive script that reads "Ivan Catton".

I. Catton, Director
Nuclear Energy Laboratory

IC/jb

cc: J. Evraets, Radiation Safety Officer
C. Ashbaugh, Nuclear Energy Laboratory