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ROCKETDYN CNPK



Rockwell
International

March 6, 1986

In reply refer to 86RC03345

Mr. Harold Denton
c/c PWR-B/SSPD
U.S. Nuclear Regulatory
Commission
Washington, DC 20555

Subject: Radiation Survey Report of the L-85
Reactor Facility Following Dismantlement
and Decontamination of the Facility,
Docket No. 50-375

Reference: Rockwell International Letter 86RC00316 dated
January 8, 1986, M. E. Remley to Harold Denton,
"Radiation Survey Report of the L-85 Reactor Facility
Following Dismantlement and Decontamination of the
Facility, Docket No. 50-375"

Dear Mr. Denton:

The Rockwell International L-85 nuclear examination reactor covered by Facility License No. R-118 has been dismantled and decontaminated in accord with dismantling plans previously transmitted to the Nuclear Regulatory Commission. With our letter of January 8, 1986, referenced above, we submitted a report of the final radiation survey of the facility which presented data to show that the radiation levels in the facility met the requirements described in the dismantling plans.

In subsequent discussions with the staff in the Region V office of NRC, concerns were expressed regarding the appropriateness of using NaI (TI) scintillation detectors for measuring the radiation fields in the facility. To provide higher quality data and result in more accurate measurements of the radiation fields, the scintillation detectors were calibrated with two Reuter-Stokes high-pressure ion chambers, and the fields were comprehensively remeasured with those calibrated scintillation detectors.

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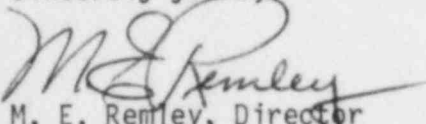


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The report of the final radiation survey has been revised to include the results of these improved measurements, and we are now confident that the decontaminated facility meets the requirements described in the dismantling plans. Seven copies of the revised report are enclosed for your information and review. Following your review, we request that the facility be inspected by representatives of the Nuclear Regulatory Commission, that License No. R-118 be terminated, and the facility be released for unrestricted use.

If you have questions or need further information, please call me at (818) 700-4270.

Sincerely yours,


M. E. Remley, Director
Nuclear Safety and Licensing
Rocketdyne Division

1743A/emh

Enclosure: Revised Radiation Survey Report for L-85 Nuclear
Examination Reactor (7)

cc w/enclosure:

Mr. Frank A. Wenslawski
Region V Office, NRC

Mr. Joseph O. Ward
Radiologic Health Section
California Department of
Health Services

Mr. Kim Wong
Radiation Health Unit
California Division of
Operational Safety and Health

Eventhough 1st page of Encl.
State Document will not be
Copied, Hal Bernardson
advised me to docket this
Submittal and to make the
copies that are appropriate.

Thank
Jim McLaughlin