

October 16, 1989

Docket No. 50-142

MEMORANDUM FOR: Lemoine J. Cunningham, Chief  
 Radiation Protection Branch  
 Office of Nuclear Reactor Regulation

FROM: Seymour H. Weiss, Director  
 Non-Power Reactor, Decommissioning and  
 Environmental Project Directorate  
 Division of Reactor Projects - III,  
 IV, V and Special Projects

SUBJECT: INQUIRY CONCERNING UCLA DECOMMISSIONING

Your assistance is requested in preparing a response to an inquiry by Mr. Daniel Hirsch of the Committee to Bridge the Gap which occurred during a telephone conversation on June 20, 1989 between C. Woodhead of the Office of the General Council, E. Garcia of Region V and A. Adams, Jr., of my staff concerning the Phase I decommissioning of the UCLA research reactor.

The questions posed are provided in the enclosure. An identical request has been forwarded to Region V. The requested completion date for this review is November 24, 1989. If you will be unable to meet this date, please notify Alexander Adams, Jr., at x21121.

*SHW*

Seymour H. Weiss, Director  
 Non-Power Reactor, Decommissioning and  
 Environmental Project Directorate  
 Division of Reactor Projects - III,  
 IV, V and Special Projects

Enclosure:  
 As stated

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

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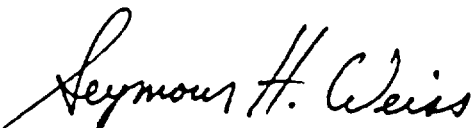
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ENCLOSURE

- (1) How does UCLA's release level of net 40 cpm relate to the dpm/100 cm<sup>2</sup> values given in Regulatory Guide 1.86, "Termination of Operating Licenses for Nuclear Reactors?"
- (2) Were the survey instruments used by UCLA appropriate (i.e., of sufficient sensitivity) for detection of contamination and radiation fields to release material for unrestricted use?
- (3) It appears that non-removable contamination measurements were not performed for the reactor shielding blocks that were released for unrestricted use. Was the survey procedure and survey instruments used appropriate?