



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

APR 19 1989

MEMORANDUM FOR: Alexander Adams, Project Manager  
Standardization and Non-Power Reactor  
Project Directorate  
Division of Reactor Projects III/IV/V  
and Special Projects  
Office of Nuclear Reactor Regulation

FROM: LeMoine J. Cunningham, Chief  
Radiation Protection Branch  
Division of Radiation Protection  
and Emergency Preparedness  
Office of Nuclear Reactor Regulation

SUBJECT: SUPPLEMENTAL SAFETY EVALUATION REPORT (SSER) FOR  
DECOMMISSIONING PLAN FOR UCLA TRAINING REACTOR  
DECOMMISSIONING PLAN, PHASE II (50-142)

REFERENCES: 1. NRR letter, G. P. Yuhas to J. E. McLaughlin, "NRC Special  
Inspection," dated February 27, 1989. (Inspection Report  
No. 50-142/89-01).  
2. Memorandum from L. J. Cunningham, DREP, "Safety  
Evaluation-Decommissioning Plan for UCLA Training Reactor  
Decommissioning Plan Phase II," dated March 22, 1989.  
3. UCLA letter from J. E. McLaughlin, "UCLA Responses to  
RAI," NRC Document Control Desk, dated March 31, 1989.

Enclosed is the Supplemental Safety Evaluation Report for the University of California at Los Angeles (UCLA) Decommissioning Plan Phase II (see subject and reference 2) concerning the quality assurance program. The Radiation Protection Branch finds UCLA's response to our questions (reference 3) adequate and acceptable. Our evaluation is based on Regulatory Guide 8.8, "Information Relevant to Ensuring That Occupational Exposures at Nuclear Power Stations Will Be As Low As Is Reasonably Achievable."

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This SSER completes the Radiation Protection Branch review of the UCLA's Decommissioning Plan Phase II.


Original signed by LeMoine J. Cunningham

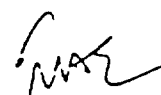
LeMoine J. Cunningham, Chief  
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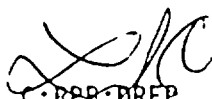
Enclosure:  
SSER

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ENCLOSURE

SUPPLEMENTAL SAFETY EVALUATION REPORT  
UCLA'S DECOMMISSIONING PLAN PHASE II  
RADIATION PROTECTION BRANCH

QUALITY ASSURANCE

In order to meet the requirements of Regulatory Guide 1.33, "Quality Assurance Program Requirements" (Decommissioning), the licensee has committed to having the capability to assure the accuracy of all measurements as part of his final report to the NRC. The licensee will strengthen its QA program during Phase II decommissioning on aspects of documentation and record-keeping which deal with traceability, detail, thoroughness, and review. Specifically, the licensee intends to take the following steps:

1. Records of measurements and analyses of samples will be computerized to efficiently store, analyze, retrieve, and print results.
2. A daily log of events will be kept by the Reactor Health Physicist.
3. Forms, such as the one for calibration of survey instruments, will be modified to stand alone as separate, complete documents. Considerable detail on source and procedure of calibration will be provided on these forms. Calibration of such instruments will be governed by a revised internal operating procedure. Documentation required from the Contractor will be detailed, complete, and easily auditable.

4. To ensure compliance of all the aforementioned steps, records originating from the Contractor's work will first be reviewed by the Reactor Health Physicist and then checked by the Radiation Safety Officer or his designee. Records originating from the Reactor Health Physicist will also be reviewed for accuracy, detail, and completeness by the Radiation Safety Officer or his designee.

The staff concludes that the licensee's quality assurance program follows the guidelines of Regulatory Guide 1.33 and therefore are acceptable.