



## AEROTEST OPERATIONS, INC.

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OEA

25 July 1983

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Mr. Daniel M. Sternberg  
U. S. Nuclear Regulatory Commission, Region V  
Reactor Operations & Nuclear Safety Branch  
1450 Maria Lane, Suite 210  
Walnut Creek, California 94596

Subject: Annual Summary of Changes, Tests and Experiments at  
Aerotest Radiography and Research Reactor (ARRR),  
Docket No. 50-228, for period ending 6-30-83.

Dear Mr. Sternberg:

The enclosed report is a summary of the ARRR operation from 1 July 1982 through 30 June 1983. This submittal complies with the requirements set forth in 10 CFR, Part 50.59, "Authorization of Changes, Tests and Experiments." Summary forms of monthly operations and unscheduled power reductions are included.

A twelve per cent increase to 309 megawatt hours was noted over the last yearly report. Ninety-six irradiations were performed during this period. Unscheduled power reductions were again reduced significantly to only 20 with no outstanding single cause noted. This represents a one-third reduction from the previous year.

The uninterruptible power supply problem reported last year has apparently been solved by the manufacturer volunteering a different model of higher capacity. This new unit has been in service only a short time but looks very good.

No new or unusual problems have been noted during the year and reactor operations have been safe and reliable.

Very truly yours,

AEROTEST OPERATIONS, INC.

Richard L. Newacheck  
President, Aerotest Operations, Inc.

IEL:be  
Encl.

cc: Director of Inspection & Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

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