



AEROTEST OPERATIONS, INC.

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21 July 2006

Director of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Annual Summary of Changes, Tests, and Experiments at Aerotest Radiography and Research Reactor (ARRR), Docket no. 50-228, for the period of 1 July 2005 to 30 June 2006.

Gentlemen:

The enclosed report summarizes the ARRR operations from July 1, 2005 through June 30, 2006. This submittal complies with the requirements set forth in 10 CFR 50.59, "Authorization of Changes, Tests, and Experiments." Summary forms of monthly operations and unscheduled power reductions are included.

No new or unusual problems have been noted during the year and reactor operations have remained stable with respect to safety and reliability.

Sincerely,

Christopher E. Bauman
Reactor Supervisor
Aerotest Operations, Inc.

ANNUAL SUMMARY OF CHANGES, TESTS AND EXPERIMENTS
PERFORMED AT THE
AEROTEST RADIOGRAPHY AND RESEARCH REACTOR
(ARRR)

DOCKET NO. 50-228

BY

A handwritten signature in black ink, appearing to read 'Chris Bauman', with a long horizontal flourish extending to the right.

CHRISTOPHER E. BAUMAN

APPROVED BY

A handwritten signature in black ink, appearing to read 'Ray R. Tsukimura', with a long horizontal flourish extending to the right.

RAY R. TSUKIMURA

PRESIDENT

AEROTEST OPERATIONS, INC.

SECTION I

Part I – Changes

1. Updated Procedures and Safety Analysis Report have previously been submitted to Nuclear Regulatory Commission as part of facility's relicensing application package. No changes have yet been implemented.

Part II – Experiments

No new experiments were performed during the year. The experiments performed in this reporting period were as follows:

Experiment No.

114 Neutron radiography performed in the radiography facilities.

SECTION II

ARRR MONTHLY OPERATING SUMMARY

Date	Operating Hours	kilowatt- hours	Accumulated kW-h	Experiments & Irradiations	Unscheduled Shutdowns
7-05	107	15,924	12,759,221	0	3
8-05	135	21,024	12,780,245	0	0
9-05	133	19,826	12,800,071	0	1
10-05	127	18,957	12,819,028	0	0
11-05	113	16,975	12,836,003	0	0
12-05	134	20,163	12,856,166	0	0
1-06	102	15,176	12,871,342	0	1
2-06	117	15,792	12,887,134	0	0
3-06	131	17,669	12,904,803	0	2
4-06	125	16,819	12,921,622	0	1
5-06	140	18,869	12,939,577	0	13
6-06	150	20,153	12,959,730	0	5
Totals	1514	217,347	12,959,730	0	26

ARRR UNSCHEDULED POWER REDUCTIONS

[illegible]