



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

January 7, 2021

Dr. David M. Slaughter, President
and Reactor Administrator
Aerotest Operations, Inc.
3455 Fostoria Way
San Ramon, CA 94583

SUBJECT: AEROTEST OPERATIONS, INC. – REVIEW OF PHYSICAL SECURITY PLAN
IN SUPPORT OF POSSESSION-ONLY LICENSE AMENDMENT REQUEST
FOR THE AEROTEST RADIOGRAPHY AND RESEARCH REACTOR FACILITY
OPERATING LICENSE NO. R-98 (EPID NO. L-2019-LLA-0065)

Dear Dr. Slaughter:

As part of its review of Aerotest Operations, Inc.'s (Aerotest's, the licensee's) license amendment request to modify Facility Operating License No. R-98 for the Aerotest Radiography and Research Reactor (ARRR) to a possession-only license in support of the licensee's decision to permanently cease operation of the ARRR, dated March 21, 2019 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML19084A051), as supplemented, the U.S. Nuclear Regulatory Commission (NRC) staff performed a review of the Aerotest physical security plan (PSP), dated October 1, 2020, and submitted by letter dated September 28, 2020 (ADAMS Accession No. ML20276A247), which stated that the plan had been placed into service.

The NRC staff had reviewed the PSP revision previously submitted to NRC by letter dated March 26, 2020 (ADAMS Accession No. ML20134H946), revising the prior PSP revision which had been submitted to NRC by letter dated February 22, 2018 (ADAMS Accession No. ML18057A019), and determined that additional information was needed to complete its review of the PSP. Therefore, by letter dated June 18, 2020 (ADAMS Accession No. ML20164A225), the NRC staff issued a request for additional information (RAI) regarding the PSP. Aerotest responded to the NRC staff's RAI by letter dated July 28, 2020 (ADAMS Accession No. ML20220A422), and included a revised PSP in its response. The NRC staff reviewed this revised PSP and sent a clarification letter to Aerotest on September 17, 2020 (ADAMS Accession No. ML20234A631). Aerotest subsequently submitted the PSP, dated October 1, 2020, by its letter dated September 28, 2020.

The NRC staff has completed its review of the Aerotest PSP, dated October 1, 2020, and concludes that it is in compliance with the applicable regulations contained in Title 10 of the *Code of Federal Regulations* Part 73, "Physical Protection of Plants and Materials," and referenced in the NRC Regulatory Guide 5.59, "Standard Format and Content for a Licensee Physical Security Plan for the Protection of Special Nuclear Material of Moderate or Low Strategic Significance," Revision 1, issued February 1983 (ADAMS Accession No. ML100341301); and, that it incorporates the site-specific compensatory security measures discussed in confirmatory action letter No. NRR-04-003, dated February 17, 2004 (ADAMS

Accession No. ML033510264), which were put in place after the attacks of September 11, 2001, to enhance security at research reactors.

We request that Aerotest continue to implement its approved PSP. If you have any questions regarding the NRC staff's review, please contact me at 301-415-4067, or by electronic mail at Edward.Helvenston@nrc.gov.

Sincerely,



Signed by Helvenston, Edward
on 01/07/21

Edward Helvenston, Project Manager
Non-Power Production and Utilization
Facility Licensing Branch
Division of Advanced Reactors and Non-Power
Production and Utilization Facilities
Office of Nuclear Reactor Regulation

Docket No. 50-228
License No. R-98

cc:

California Energy Commission
1516 Ninth Street, MS-34
Sacramento, CA 95814

Radiologic Health Branch
P.O. Box 997414, MS 7610
Sacramento, CA 95899-7414

Test, Research and Training
Reactor Newsletter
Attention: Ms. Amber Johnson
Dept. of Materials Science and Engineering
University of Maryland
4418 Stadium Drive
College Park, MD 20742-2115

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DATED: January 7, 2021

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NRR-106

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