

November 7, 2000

John E. Sauter
Radiation Safety Officer
Honeywell Aerospace
717 North Bendix Drive
South Bend, IN 46544

SUBJECT: RADIOLOGICAL CLOSE-OUT SURVEY REPORT 040-04930/2000001(DNMS)

Dear Mr. Sauter:

This refers to the inspection and radiological survey performed by NRC Inspectors on October 30, 2000, at the former Allied Signal Aerospace facility, located at 400 South Beiger Street, Mishawaka, Indiana. This inspection was conducted in response to your August 24, 2000, request to terminate NRC License No. STB-00286, and to release for unrestricted use your facilities located at 400 S. Beiger Street, Mishawaka, IN and at 29297 U.S. Highway 33 North, Elkhart, IN.

Based on our survey findings, and our review of your ***Radiation Survey to Confirm Absence of Licensed Radioactive Material And Contamination*** (attached to your August 24, 2000 Termination), no residual radiological contamination from past licensed activities was identified in these buildings. Therefore, we have determined that the two buildings meet NRC criteria for unrestricted release, as specified in 10 CFR Part 20, Subpart E, "*Criteria for License Termination*." The NRC has no further regulatory interest in these buildings unless additional contamination is found that indicates a threat to public health and safety. We are proceeding with a license amendment removing the subject buildings, which will be sent to you separately.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter will be available **electronically** for public inspection in the NRC Public Document Room **or** from the *Publicly Available Records (PARS) component of NRC's document system (ADAMS)*. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

We will gladly discuss any questions you have concerning this inspection.

Sincerely,

/RA/

Bruce L. Jorgensen, Chief
Decommissioning Branch

Docket No. 040-04930
License No. STB-00286

cc: J. Ruyack, Indiana Department of Public Health

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**MATERIALS DECOMMISSIONING INSPECTION FIELD NOTES
FOR FACILITIES NEEDING SIGNIFICANT DECOMMISSIONING EFFORT**

Region: III

Inspection Report No.: 040-04930/2000002(DNMS)

License No.: STB-00286

Docket No.: 040-04930

Licensee (Name & Address): Allied Signal Aerospace
Guidance & Control Systems
Mishawaka, Indiana 46544

Licensee Contact: John E. Sauter, Radiation Safety Officer

Telephone No.: (816) 987-3378

Last Amendment No.: 07

Date of Amendment: March 28, 1997

Date of Last Inspection: January 19, 1999

Date of This Inspection: October 30, 2000

Date of Next Inspection: Not applicable (license to be terminated)

Type of Inspection: (X) Announced () Unannounced
(X) Routine (X) Special
() Initial Decomm () Reinspection of Decomm.

Level of Inspection: (X) Normal () Reduced () Extended

Brief Description of Inspection Activities: This was a confirmatory radiological close out survey conducted in accordance with Ips 87104 and 83890. This survey was conducted in response to the licensee's August 24, 2000, request to terminate their NRC license. Based on the licensee's attached *Radiation Survey to Confirm Absence of Licensed Radioactive Material And Contamination* (Final Status Survey), NRC staff determined that a Confirmatory Survey at the licensee's former manufacturing facility located at 400 S. Beiger Street, Mishawaka was warranted.

Summary of Findings and Action:

- (X) No violations cited, clear NRC Form 591 or regional letter issued
- () Violation(s), clear NRC Form 591 issued
- () Violation(s), regional letter issued
- () Follow up on previous violations

Inspectors

Mike McCann, M.S., Senior Decommissioning Inspector
NRC Region III, Decommissioning Branch

William G. Snell, M.S., Senior Decommissioning Inspector
NRC Region III, Decommissioning Branch

Accompanied By:

NA

Approved by Branch Chief:

Bruce L. Jorgensen, Chief, /RA/
Decommissioning Branch

Date:

1. **SUMMARY OF DECOMMISSIONING STATUS**

- | | | |
|----|---|-------------|
| A. | Licensee ceased operational program. | (X) Y () N |
| B. | Required decommissioning financial assurance mechanisms in place. | (X) Y () N |
| C. | Decommissioning Plan (DP) required. | () Y (X) N |
| D. | Licensee final survey required. | () Y (x) N |
| E. | NRC confirmatory survey required. | (X) Y () N |
| F. | NRC closeout inspection required. | (X) Y () N |
| G. | Licensee doing decommissioning planning and preparation before dismantlement. | () Y (X) N |
| H. | Licensee actively remediating site. | () Y (x) N |
| I. | Licensee completed site remediation. | (X) Y () N |

Description of Facility Status: The licensee's license authorized two locations of use, i.e., 400 South Beiger Street, Mishawaka, In and 29297 U.S. Highway 33 North, Elkhart, IN. The Mishawaka location was used for machining of magnesium-thorium components used in the fabrication of missile drones for the Air Force. The Elkhart facility was used only for storage of finished missiles, no fabrication or machining occurred at this location. The licensee's letter of August 24, 2000, had attached: 1. a NRC Form 314 *Certificate of Disposition of Materials*, 2. a final status survey *Honeywell Guidance and control System, Materials License STB-286, Radiation Survey to Confirm Absence of Licensed Radioactive Material and Contamination*, and records of waste disposal.

2. **INSPECTION OF KEY DECOMMISSIONING ACTIVITIES**

THIS AREA NOT RELEVANT TO CLOSE OUT SURVEY, AND WAS NOT EVALUATED DURING THIS INSPECTION. DETAILS DELETED*

A. **LICENSEE ACTIVITIES INSPECTED BEFORE DISMANTLEMENT**

THIS AREA NOT RELEVANT TO CLOSE OUT SURVEY, AND WAS NOT EVALUATED DURING THIS INSPECTION. DETAILS DELETED*

B. LICENSEE ACTIVITIES INSPECTED DURING DECONTAMINATION, DISMANTLEMENT, AND SITE REMEDIATION

C. LICENSEE ACTIVITIES INSPECTED AFTER COMPLETION OF SITE REMEDIATION

1. Licensee has submitted NRC Form 314 for disposition of licensed material in accordance with 10 CFR 30.36, 40.42, and 70.38. (X) Y () N
2. Licensee's final survey program is acceptable (see Appendix B for inspection items for final surveys). (X) Y () N
3. NRC confirmatory survey performed. (X) Y () N
4. Site maintenance activities (if any, for restricted use) conform to license conditions and NRC-approved plans and are in place and functional. (X) Y () N
5. Other licensee activities: () Y () N

Basis for Findings: **Review of licensee's final status survey and inspector observations**

3. INSPECTION OF STANDARD HEALTH AND SAFETY AREAS FROM THE OPERATIONAL INSPECTION PROGRAM

THIS AREA NOT RELEVANT TO CLOSE OUT SURVEY, AND WAS NOT EVALUATED DURING THIS INSPECTION. DETAILS DELETED*

B. FACILITIES

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C. EQUIPMENT AND INSTRUMENTATION

1. Survey instruments are applicable to contaminants of interest. (X) Y () N
2. Use of survey instruments appropriate for site. (x(Y () N

Basis for Findings: **Review of licensee's final status survey and inspector observations.**

D. MATERIALS

1. Radioactive materials licensed during operations have been removed offsite; residual quantities conform to license conditions. (X Y () N
2. Security and control of licensed materials, including contaminated areas, is being maintained. () Y () N

Basis for Findings: **All material removed from site. Review of licensee's final status survey, and inspector observations.**

E. TRAINING

THIS AREA NOT RELEVANT TO CLOSE OUT SURVEY, AND WAS NOT EVALUATED DURING THIS INSPECTION. DETAILS DELETED*

F. AREA RADIATION SURVEYS AND CONTAMINATION CONTROL

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G. RADIATION PROTECTION

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H. RADIOACTIVE WASTE MANAGEMENT / EFFLUENTS / ENVIRONMENTAL MONITORING

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I. RECORD KEEPING FOR DECOMMISSIONING

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J. TRANSPORTATION

THIS AREA NOT RELEVANT TO CLOSE OUT SURVEY, AND WAS NOT EVALUATED DURING THIS INSPECTION. DETAILS DELETED*

K. POSTING AND LABELING

THIS AREA NOT RELEVANT TO CLOSE OUT SURVEY, AND WAS NOT EVALUATED DURING THIS INSPECTION. DETAILS DELETED*

L. OCCUPATIONAL HEALTH AND SAFETY

THIS AREA NOT RELEVANT TO CLOSE OUT SURVEY, AND WAS NOT EVALUATED DURING THIS INSPECTION. DETAILS DELETED*

4. VIOLATIONS, NON-CITED VIOLATIONS, FOLLOW UP ITEMS, AND OTHER ISSUES

Briefly state (1) the requirements and (2) how and when the licensee violated the requirement. For non-cited violations, indicate why the violation was not cited. Briefly describe follow up items and other issues.

- a. A complete version of these field notes are attached NRC IP87104, Appendix A.**