



**AIRCRAFT COMPONENTS INC.**

P.O. Box 547, 174 Cedar Street

Branford, Connecticut 06405

Fax: (203) 483-5489

(203) 483-5603

September 18, 1989

Nuclear Regulatory Commission  
Region 1  
475 Allendale Road  
King of Prussia, PA. 19406

Attn: Mr. John R. White, Chief  
Nuclear Materials Safety Section C

Subject: Corrective Action

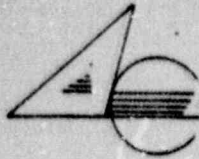
Ref: NRC Audit July 24 & 25, 1989, letter dated September 12, 1989  
Docket No. 040-08977  
License No. STB-1526

Dear Mr. White;

As a result of the NRC audit the following actions were taken immediately after notification that we were in violation of our license requirements.

- A. Materials stored in the unrestricted area were immediately secured within our facility.
  - 1. Within 10 days a permanent restricted area established to store material. This facility is locked and only magnesium-thorium waste is allowed.
- B. Designation and identification of drums containing magnesium-thorium waste.
  - 1. All drums containing magnesium-thorium waste have been identified and secured in a locked area.
  - 2. Immediately after notification of violation an inhouse survey was taken along with our normal survey performed by Radiological Consultants, (see attached) upon completion of permanent storing facilities.

8911020086 891023  
REQ1 LIC40  
STB-1526 PNU



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page 2(Con't)

If any additional information is needed please feel free to contact me at this office. Thank you.

Very truly yours,

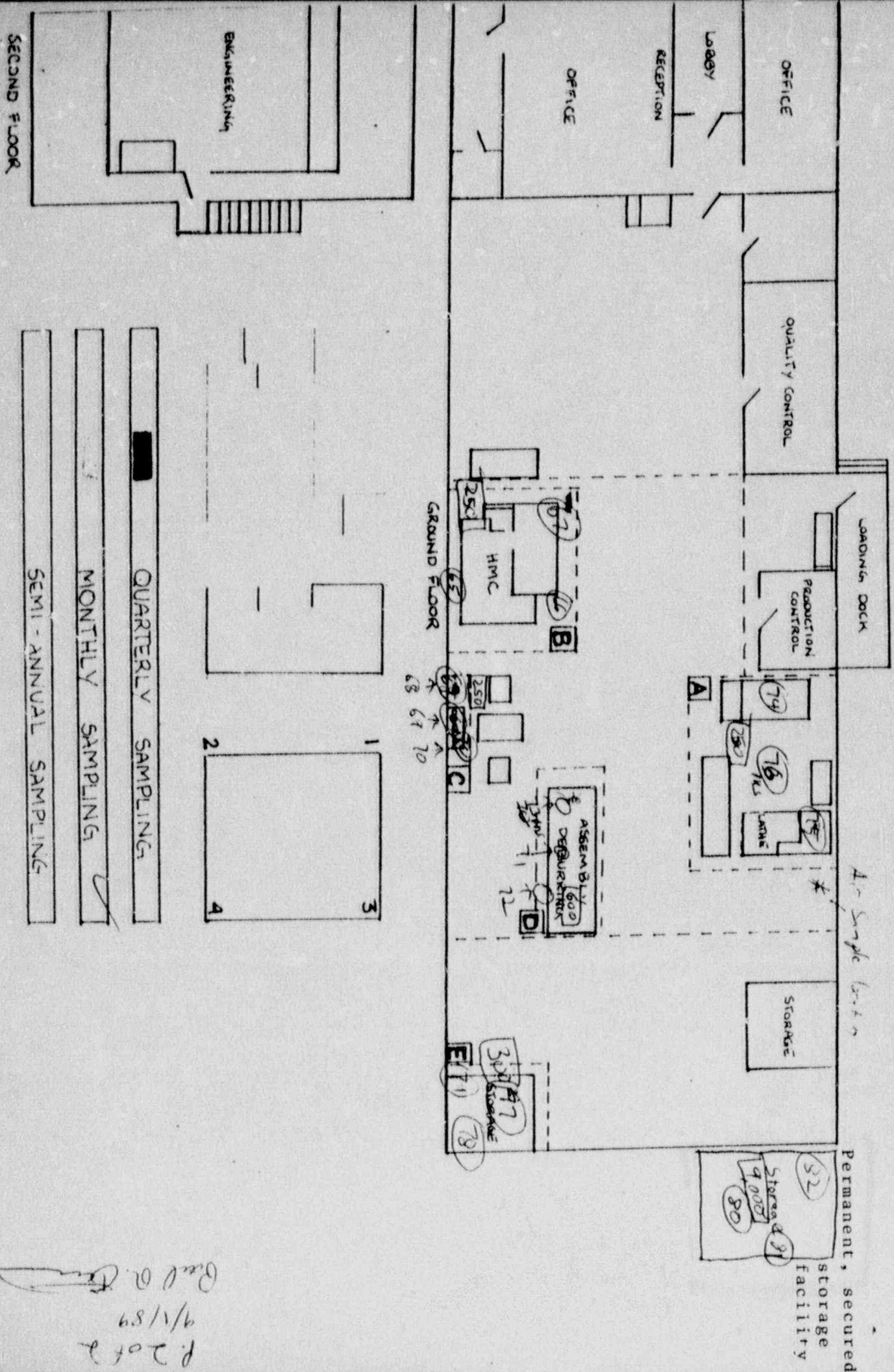
Michael V. Bruno

President

RSO

MVB/hem

Enc.



P. 2052  
9/1/89  
Paul A. [Signature]

Radiological Control Survey Record

No. 1 Page 2

Date: 9-1-87

Time: 10:30 am

Location Aircraft Components, Inc. Branford, Ct.

Reason For Special Survey Monthly radiation contamination survey

Item No.	Item	β	Dose Rates			Distance	Smearable Contamination		Smear Area
			mrad/hr	γ mR/hr cpm	Neutron mrem/hr		Total mrem/hr	β & γ dpm	
65	Floor	n/A	250	n/A	250	General Area	<1000	<100	100 cm <sup>2</sup>
66	Floor	↑		↑			↑	<100	↑
67	HMIC - side							<100	
68	Floor							<100	
69	Seats		200			General Area		<100	
70	Barrel							<100	
71	Grinding wheel							<100	
72	Floor		600			General Area		<100	
73	Bench							<100	
74	Lathe							<100	
75	Lathe							<100	
76	Floor		250			General Area		<100	
77	Floor		300			General Area		<100	
78	Wall							<100	
79	Floor							<100	
80	Barrel							<100	
81	Fence	↓		↓			↓	<100	↓
82	Ground	n/A	9000	n/A		Open Area	<1000	<100	100 cm <sup>2</sup>

Radiation Survey		BY Cont Sur Inst	α Contamination Survey Inst/Pro
Inst. Ludlum Model 15 Probe 44-3		S/II Ludlum Model 177 #60261 Probe 44-10 #053816	S/II's Ludlum Model 1030 #11361 Probe 43-10 #05081
S.N. 62478 05388L	S.N.	Cal Due Date 1-11-10	Cal Due Date 1-21-70
Cal Due Date 1-11-10	Cal Due Date	EEF 10%	EEF 71%
B.C.F. 1-11-40 N/A	B.C.F.	BKG 40 cpm	BKG 0 cpm
Remarks: Background dose rate 250-350 cpm		Air Sample Data: 3 cpm in 30 min 129 dpm at 100, 64 dpm at 40 Note (See back) Air sample of 7/20/81 no records on file	

Surveyor Paul R. Steinmeyer  
 Surveyor (signature) Paul R. Steinmeyer

Date 7/1/89  
 Reviewed by Michael J. Burns



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I  
476 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406

SEP 12 1989

Docket No. 040-08977

License No. STB-1526

Aircraft Components, Inc.  
ATTN: Mr. M. V. Bruno  
President  
174 Cedar Street  
Branford, Connecticut 06405

Gentlemen:

Subject: Routine Inspection No. 040-08977/89-001

On July 24 and 25, 1989, P. H. Ladun of this office conducted a routine safety inspection at the above address of activities authorized by the above listed NRC license. The inspection was an examination of your licensed activities as they relate to radiation safety and to compliance with the Commission's regulations and the license conditions. The inspection consisted of observations by the inspector, interviews with personnel, and a selective examination of representative records. The findings of the inspection were discussed with you at the conclusion of the inspection.

Based on the results of this inspection, it appears that your activities were not conducted in full compliance with NRC requirements. A Notice of Violation is enclosed as Appendix A and categorizes each violation by severity level in accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (Enforcement Policy). You are required to respond to this letter and in preparing your response, you should follow the instructions in Appendix A.

In accordance with Section 2.790 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter and your reply will be placed in the Public Document Room.

The responses directed by this letter and the accompanying Notice are not subject to the clearance procedures of the Office of Management and Budget, as required by the Paperwork Reduction Act of 1980, PL 96-511.

Item A described in the attached Notice of Violation involving the storage and control of licensed material is classified as a Severity Level IV violation. As indicated in Supplement IV of the NRC Enforcement Policy, significant violations of this type are normally classified as Severity Level III. However, after careful consideration of the factors involved in this specific instance, it is felt this incident posed a minimal health and safety problem. We have exercised our judgment under the NRC Enforcement Policy and have classified this violation as Severity Level IV. Similar violations of this type in the future may result in additional enforcement action.

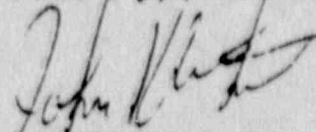
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Aircraft Components, Inc.

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Your cooperation with us is appreciated.

Sincerely,



John R. White, Chief  
Nuclear Materials Safety Section C  
Division of Radiation Safety  
and Safeguards

Enclosure:  
Appendix A, Notice of Violation

cc:  
Public Document Room (PDR)  
Nuclear Safety Information Center (NSIC)  
State of Connecticut

bcc:  
Region I Docket Room (w/concurrences)  
Management Assistant, DRMA

APPENDIX A

NOTICE OF VIOLATION

Aircraft Components, Inc.  
Branford, Connecticut 06405

Docket No. 040-08977  
License No. STB-1526

As a result of the inspection conducted on July 24 and 25, 1989, and in accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (Enforcement Policy) (1988), the following violations were identified:

- A. 10 CFR 20.207(a) requires that licensed materials stored in an unrestricted area be secured against unauthorized removal from the place of storage. 10 CFR 20.207(b) requires that materials not in storage be under constant surveillance and immediate control of the licensee. As defined in 10 CFR 20.3(a)(17), an unrestricted area is any area access to which is not controlled by the licensee for purposes of protection of individuals from exposure to radiation and radioactive materials.

Contrary to the above, as of July 25, 1989, twenty-four 55 gallon drums which contained magnesium-thorium waste, were stored in an unrestricted area and were not secured against unauthorized removal nor were they under constant surveillance and immediate control.

This is a Severity Level IV violation. (Supplement IV)

- B. Condition 13 of License No. STB-1526 requires that the licensee conduct its program in accordance with the statements and representations contained in an application dated October 21, 1988.

Section 9.3 of the application entitled "Facility Description and Equipment" requires that containers for contaminated equipment and scrap be specifically designated and identified for the storage of Mag-Thorium. This section also requires the storage area be surveyed by the RSO on a quarterly basis while material is being stored.

1. Contrary to the above, as of July 25, 1989, twenty-four 55 gallon drums containing magnesium-thorium scrap were not specifically designated and identified for the storage of magnesium-thorium wastes.
2. Contrary to the above, as of July 25, 1989, the licensee's storage area, containing twenty-four 55 gallon drums of magnesium-thorium scrap, was not surveyed by the RSO on a quarterly basis while material was being stored.

These are Severity Level IV violations. (Supplement VI)

8969260254 (ep)

Pursuant to the provisions of 10 CFR 2.201, Aircraft Components, Inc. is hereby required to submit to this office within thirty days of the date of the letter which transmitted this Notice, a written statement or explanation in reply, including: (1) the corrective steps which have been taken and the results achieved; (2) corrective steps which will be taken to avoid further violations; and (3) the date when full compliance will be achieved. Where good cause is shown, consideration will be given to extending this response time.