

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter 1, Parts 30, 31, 32, 33, 34, 35, 39, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

OFFICIAL RECORD COPY

Licensee		
1. B & B Tool Co.	3. License number	STB-1505 Amendment 5
2. 83 Erna Avenue Milford, CT 06460	4. Expiration date	July 31, 1998
	5. Docket or Reference No	040-08936
6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
Thorium	Magnesium-thorium alloy in waste soil and debris	NTE 12 cubic meters (55 55-gal. drums)
9. Authorized use: For possession only, pending access to a facility for disposal.		

CONDITIONS

10. Licensed material may be possessed only at 83 Erna Ave., Milford, CT.
11. A. Licensed material shall not be used by any individual for any other purpose than possession pending disposal. Ms. Halide J. Caine or individuals who have been trained as specified in the application dated November 26, 1986, may perform survey or maintenance activities to ensure package integrity and waste containment.
- B. The Radiation Protection Officer for this license is Ms. Halide J. Caine.
12. The licensee or its representative will conduct surveys in the waste storage area monthly. Smear surveys and direct exposure rate surveys will be taken at the outer accessible surfaces of the drums containing radioactive wastes.
13. Accessible drums will be visually inspected for physical integrity and adequate labeling monthly.
14. Survey and inspection results will be documented monthly and retained for the storage period.

ML 10

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C PDR

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

STB-1505

Docket or Reference number

040-08936

Amendment No. 5

(Continued)

CONDITIONS

15. The licensee will seek disposal of the waste as soon as an acceptable disposal site is identified and the licensee has access to that facility. The licensee will send at least five (5) 55-gallon drums of waste for disposal each year, in the event that access to a disposal site is identified.
16. The licensee will submit a certification of financial assurance in accordance with 10 CFR 40.36, within 90 days of receipt of this license amendment.
17. Pursuant to §40.41(f)(1) the licensee will notify the Commission, in writing, immediately following the filing of a voluntary or involuntary petition for bankruptcy under any chapter of title 11 (Bankruptcy) of the United States Code
18. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.
 - A. Application dated November 26, 1986
 - B. Letter dated March 31, 1987
 - C. Letter dated April 10, 1987
 - D. Letter dated April 13, 1989
 - E. Letter dated November 18, 1991
 - F. Letter dated November 27, 1991
 - G. Letter dated April 9, 1992
 - H. Letter dated December 30, 1992
 - I. Letter dated March 2, 1995

FOR THE NUCLEAR REGULATORY COMMISSION

Date:

July 12, 1995

By:

Michael F. Weber

Michael F. Weber
Division of Waste Management
Washington, DC 20555

DOCKET NO.: 040-08936
LICENSE NO.: STB-1505

LICENSEE: B & B Tool Company

INSTALLATION: Milford, CT

SUBJECT: SAFETY EVALUATION REPORT AND CATERGORICAL EXCLUSION FOR
TRANSFER OF LICENSE

INTRODUCTION:

NRC License STB-1505 was issued to Butkin Precision Manufacturing, Incorporated (BPMI), on April 22, 1987. The license authorized use of thorium for possession, storage, and precision machining of magnesium-thorium castings. Amendment No. 4 of STB-1505 was issued March 28, 1994, and expires July 31, 1998.

Amendment No. 4 of STB-1505 authorized use of the licensed radioactive material at the BPMI facility at 83 Erna Ave., Milford, CT. The November 18, 1991, licensee submittal indicates that BPMI was sold to Mr. B. Anderson on June 1, 1991. Since June 1994, BPMI has indicated financial insolvency and the closing of the business. The foreclosure of the BPMI operation was preceded by NRC issuing several letters to BPMI to secure adequate financial assurance for decommissioning the facility, including a "Demand for Information," dated March 10, 1994. BPMI failed to provide the required information but successfully completed decommissioning in December 1994.

BPMI successfully decommissioned the Erna Avenue site as documented in NRC inspection report 040-08936/94-002, issued December 1994. However, due to the lack of access to a low-level waste (LLW) disposal site, no disposal mechanism was identified for the waste generated during decommissioning and stored on site. The waste consists of thorium contaminated soil and fire debris. Analysis of the soil from the waste indicates gross alpha contamination levels of 130 - 740 pCi/g and gross beta contamination levels at 70 - 460 pCi/g. Data from the analysis of the fire debris indicate that the residues contain 160 - 760 pCi/g thorium. There are currently up to 55 55-gallon drums of waste on the site.

BPMI has an outstanding NRC fee debt for annual licensing and inspection fees for the years 1991-1994. NRC is seeking payment of these fees through a collection agency in a separate action.

BPMI was owned by Mr. John Butka prior to June 1, 1991. Butka owns the property on which BPMI operated. Mr. Butka has indicated in the attached letter that he is willing to assume responsibility for storage of the material. His company, B&B Tool Co., does not intend to use licensed material. Therefore, he wishes to store the licensed material under a possession-only license.

Enclosure 2

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PDR-ADOCK 04008936
C PDR

The purpose of this safety evaluation report (SER) is to evaluate the transfer of the license from BPMI (transferor) to B & B Tool (transferee).

REGULATORY ANALYSIS:

Title 10 CFR 40.46 requires that "no license... nor any right under a license shall be transferred, assigned or in any manner disposed of... through transfer of control of any license to any person, unless the Commission, after securing full information, find that the transfer is in accordance with the Act and shall give its consent in writing." The burden of adhering to this requirement is on the existing licensee; however, it may be necessary for the transferee to provide supporting information.

The existing licensee is insolvent and, while successfully decommissioning its facility, does not have access to a LLW disposal facility. A former licensee and the current building owner has indicated in his March 2, 1995, letter that he is willing to store the material under the appropriate conditions.

The transferee indicates that the transferor will not remain in business. The transferor has numerous financial obligations outstanding with the NRC which are being pursued separately.

Financial Assurance:

The licensee will provide financial assurance for the disposal of the waste. The financial instrument must be consistent with the regulations in 10 CFR 40.36, i.e., prepayment, surety, external sinking fund. The cost estimate shall be based on the cost for disposal of the waste. The facility has been successfully decommissioned and no additional decontamination or decommissioning is required, other than the final radiation survey to establish that the radioactive material has been properly transferred prior to license termination.

Finding: The licensee will obtain the required financial assurance instrument within 90 days of issuance of the license. The licensee will submit the information required by 10 CFR 40.36 to NRC upon acquiring such assurance.

Waste Storage:

The waste is contained and there is little potential for recontamination of the facility. The material will be controlled by containment in the waste drums and storage in a secure area. The waste drums will be adequately marked and contents specified. Storage will be monitored for integrity of packages, radiation exposure levels, material inventory, and security. Additionally, should package integrity be compromised, the licensee will conduct surveys of the storage area to determine if any contamination has spread. The storage area will be posted and secured. Access will be limited to the facility owner (Mr. John Butka), the radiation protection officer (RPO), personnel trained according to the November 26, 1986, application, and emergency response personnel requiring access.

Finding: The waste storage conditions are necessary provisions under this

possession-only license. The storage conditions are adequate.

Radiation Protection:

The radiation protection program described in the BPMI application dated November 26, 1986, and subsequent submittals will continue in effect. This includes training for workers. Ms. Halide Caine will be the licensee RPO. She has sufficient experience, as the former licensee's RPO. In addition, the securing of the material in an area not generally accessible will provide sufficient protection to require minimal radiation protection activities. No authority to use the material is being granted under this license.

Finding: The radiation protection program is acceptable for the storage of the waste under the conditions specified.

License Conditions:

The licensee has committed to perform monitoring in accordance with the previous license commitments. The commitments are stated in the licensee's April 13, 1989, letter. The licensee committed to monthly surveys. This commitment shall be reflected in a specific license condition.

The licensed material will be possessed for storage-only under the new license. Therefore, the license will indicate possession-only under the authorized uses in Condition 9. Additionally, specific conditions of storage were committed to in the transferee's letter of March 2, 1995. These conditions reflect the transferee's commitment to initiate disposal at the earliest possible time. The condition will state that the licensee will seek access to every disposal facility available to the licensee. Specifically, the licensee will seek access to operating facilities, new compact facilities, and any other non-compact facility accepting commercially generated LLW.

The licensee has committed to investigating and implementing the periodic disposal of the waste. To implement this commitment, staff has incorporated a license condition which requires that B&B Tool dispose of at least five (5) 55-gallon drums of waste every year that access for disposal is available, until no waste remains onsite.

Finding: The license conditions described are adequate to ensure that the licensee will provide the required material control and seek disposal of the waste as disposal access becomes available.

Transfer of License:

The transferee has requested that the NRC transfer this license. The fact that BPMI is no longer operating and is, therefore, defunct supports the transfer of this license to an operating entity. Specifically, this action will identify an operating and functional entity as the licensee. Also, the new licensee is currently in possession of the land upon which the material is stored. Finally, the transferee has experience with handling and possession of this specific type of material.

Finding: The transfer of this license is acceptable as described in this SER.

REGULATORY POSITION

The transfer of the license to B & B Tool Co., is an organizational and administrative change and does not involve any activity or situation which would be inimical to the common defense and security or to the health and safety of the public. This amendment can be issued without undue risk to the workers, public, or environment. In addition, the staff has determined that this amendment is the type of action described in the categorical exclusion of 10 CFR 51.22(c)(11). Therefore, neither an environmental impact statement nor an environmental assessment has been prepared for this amendment.

REFERENCES

1. U.S. Nuclear Regulatory Commission, License No. STB-1505, Amendment 4, May 28, 1994.
2. Letter from John Butka, B&B Tool Co., to Robert C. Hogg, dated March 2, 1995.
3. U.S. Nuclear Regulatory Commission, Docket File 040-08936.
4. Letter from BPMI, to NRC Region I, dated November 26, 1986.
5. Letter from BPMI, to NRC Region I, dated April 13, 1989.
6. U.S. Nuclear Regulatory Commission, Demand for Information, letter from Region I, to BPMI, dated March 10, 1994.

Mr. John Butka
B&B Tool Co.
83 Erna Avenue
Milford, CT 06460

July 12, 1995

Dear Mr. Putka:

This refers to the transfer of license STB-1505 in accordance with your letter dated March 2, 1995. Enclosed with this letter is the amended license.

The license is being transferred from Butkin Precision Manufacturing, Incorporated to B & B Tool Company. In addition, the license is being amended to authorize storage only of the licensed material. Please note that the authorized use in License Condition 9. authorizes possession-only pending access to a facility for disposal. As part of the possession-only authorization, you are required to perform monthly surveys and visual inspections of the waste in storage. Additionally, you are required to submit a certification of financial assurance in accordance with 10 CFR §40.36 within 90 days of issuance of this license. Finally, you are required to periodically seek disposal of the waste until all the waste is disposed of in an acceptable manner. In our July 12, 1995, telephone conversation, you indicated that you agreed with these conditions.

Please review the enclosed document carefully, and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please call me, at (301) 415-6751 or Mr. Robert Nelson, at (301) 415-7298.
Thank you for your cooperation.

Sincerely,

/S/

Robert C. Hogg, Project Manager
Low-Level Waste and Regulatory Issues
Section
Low-Level Waste and Decommissioning
Projects Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

250187

License No.: STB-1505
Docket No.: 040-08936

Enclosures: 1. Amendment No. 5
2. Safety Evaluation Report

DISTRIBUTION: Central File DWM r/f JGreeves MWeber DWM t/f
PUBLIC DEverhart MStein GJenkins NMamish DWeiss
TCJohnson LBell *See previous concurrence

DChange (CT)

OFC	LLDP*	E	LLDP*		RI *	E	OGC*	N	OC *	C
NAME	RHogg/wd		RNelson		MShanbaky		RFonner		DWeiss	
DATE	06/20/95		/ /95		7/6 /95		06/20/95		6/22/95	
OFC	LLDP		LLDP*	E						
NAME	MWeber		JCopeland							
DATE	7/12/95		6/20/95		/ /95		/ /95		/ /95	

TICKET: D-176

PDR : YES ☒ NO ☐
ACNW: YES ☐ NO ☒
IG : YES ☐ NO ☒

OFFICIAL RECORD COPY

Category: Proprietary ___ or CF Only ___

Delete file after distribution: Yes ☒ No ☐

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PDR ADDCK 04008936

113468
FILE CENTER COPY

December 21, 1994

MEMORANDUM TO: John T. Greeves, Deputy Director
Division of Waste Management, NMSS

FROM: Charles W. Hehl, Director
Division of Radiation Safety and Safeguards

SUBJECT: BUTKIN PRECISION MANUFACTURING CORPORATION

Region I has successfully completed all the outstanding financial assurance cases with the exception of one case (Butkin Precision Manufacturing Corporation, 83 Erna Avenue, Milford, Connecticut (BPM)). This remaining case involves policy and programmatic issues that are more appropriately addressed by NMSS. Region I has expended significant effort in attempting to get this licensee to comply with the financial assurance regulations including a Demand for Information (DFI) dated March 10, 1994. Due to the current legal and financial situation with BPM, these efforts were not successful in achieving licensee compliance.

BPM has been authorized since 1987 to use and possess up to 500 kilograms of thorium as magnesium-thorium alloy containing not more than four percent thorium by weight. BPM ceased to exist as a manufacturing facility in 1993 with the release of all employees and with the sale of all of their equipment. Region I performed a confirmatory closeout inspection on August 10, 1994 at the 83 Erna Avenue facility and found no areas of removable contamination in the facility. There are, however, 55-fifty five gallon drums (412.5 cubic feet) with contact dose rates as high as two milliroentgen per hour stored inside the facility. These drums are believed to contain material (thorium debris and other material from a fire in 1987). The material was believed to be in excess of the levels considered for release for burial (10 picocuries per gram of Thorium 232 plus 228 according to the EPA cleanup standards in the Branch Technical Position published October 23, 1981) based on estimates derived from the dose rate survey. Mr. John Butka, the building owner and former licensee, also sent samples (3) from the drums to Teledyne for analysis to determine the possibility of sending the material to Enviro-Care for disposal. Based on the results of these samples (130 to 720 picocuries per gram), this may not be possible due to possession restrictions at Enviro-Care (680 picocuries per gram). The material also does not meet the minimum volume required by Enviro-Care (1,000 cubic feet minimum).

Even if disposal at Enviro-Care was possible, there probably would not be funds available from either the building owner or the licensee to pay for this expense. According to the licensee's lawyer, they presently have no employees or assets. The building which they occupied at 83 Erna Avenue is undergoing foreclosure by the mortgagor, Union Trust Company in New Haven. Region I has contacted the mortgagor's attorney and informed them of the situation.

RI CONTACT: David Everhart
610-337-6936

ML 10

OFFICIAL RECORD COPY

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J. Greeves

-2-

As previously discussed, this case would be more appropriately managed by NMSS since it involves radwaste disposal policy matters and potential legal issues. We have discussed this with you and are enclosing the licensee files for your review.

Docket Number: 040-08936

License Number: STB-1505

Attachment: Licensee files

J. Greeves

-3-

Docket Name: S:\NMSB\BUTKIN

OFFICE	Region I	Region I	Region I	Region I
NAME	DEverhart	MShanbaky	RBellamy	WChen
DATE	12/12/94	12/12/94	12/12/94	12/12/94

Official Record Copy

TELEPHONE CONVERSATION LOG

DATE:

September 30, 1994

PERSON CALLED:

Peter Kruzynski, Attorney

ORGANIZATION:

Union Trust Co.

TELEPHONE NUMBER:

LICENSE NUMBER:

DOCKET NUMBER:

MAIL CONTROL NUMBER:

113463

PERSON CALLING:

David B. Everhart
USNRC Region I
475 Allendale Road
King of Prussia, PA 19406

(215) 337-6936
FAX Numbers
(215) 337-5269 or
(215) 337-5234

SUBJECT: Regarding Butkin Precision Manufacturing Company

SUMMARY:

Spoke to Mr Kruzynski re BPM and explained that at the present time there are drums on the property which contain radioactive material and if there were a change of ownership to the property, the drums would become the responsibility of the new owner and would necessitate the new owner obtaining an NRC License. He stated that the bank was aware of the issue and was not pursuing the foreclosure at this time for this reason.

ACTION REQUIRED/TAKEN:

SIGNATURE:

OFFICIAL RECORD COPY

ML 10

DATE:

TELEPHONE CONVERSATION LOG

DATE:

July 7, 1994

PERSON CALLED:

Halide Caine, RSO

ORGANIZATION:

Butkin Precision Mfg. Corp.

TELEPHONE NUMBER:

(H) (203) 453-2492

LICENSE NUMBER:

STB-1505

DOCKET NUMBER:

040-08936

MAIL CONTROL NUMBER:

113463

PERSON CALLING:

USNRC Region I (215) 337-6936
David B. Everhart FAX Numbers
475 Allendale Road (215) 337-5269 or
King of Prussia, PA 19406 (215) 337-5234

SUBJECT: Closeout survey

SUMMARY:

Requested status of barrels of waste mentioned in closeout survey. H.C. stated that she had contacted Jim Weber of U.S. Ecology in the last several weeks who stated that he did not think that Envirocare would take the material. He referred her to Teledyne for evaluation of specific activity of barrels. H.C. asked if she should send samples to Teledyne for testing. I stated that her highest priority should be to get rid of the barrels.

I asked about the financial status of Butkin. She stated that the owners, Bradley Anderson (203) 268-5874 and Bart Anderson (203) 929-5816, had liquidated the equipment and the business had been foreclosed. She stated that the property owner, John Butka (203) 878-6026, was in the process of trying to rent the property to several small business'.

I asked about the wipe test results. H.C. stated that the results were in cpm, not bkg corrected. she stated that similar results were obtained at the North Adams facility prior to release for unrestricted use.

H.C. stated in her letter that she is presently attempting to secure employment. I asked that she notify me if she received a job and was moving from the area.

ACTION REQUIRED/TAKEN:

SIGNATURE:

DATE:

OFFICIAL RECORD COPY

ML 10

8/31/94

To - NRC

From - H. Cairn

8 pages including
this sheet.

8/31/94

Dave

Barrel Count @ Putkin

32 - Fire Debris

23 - In Building

55 Total


H. Cann

DOCKET NO. CV-94-0361411S : SUPERIOR COURT
UNION TRUST COMPANY : JUDICIAL DISTRICT OF NEW HAVEN
VS. : AT NEW HAVEN
JOHN BUTKA : JUNE 20, 1994

MOTION FOR DEFAULT FOR FAILURE TO APPEAR

The Plaintiff in the above-captioned matter, Union Trust Company, by its attorney, hereby moves, pursuant to Practice Book Section 352, for the entry of a default for failure to appear within the time prescribed by Practice Book Section 66 against the Defendant, John Butka.

THE PLAINTIFF
UNION TRUST COMPANY

By 
Peter G. Kruzynski
SUSMAN, DUFFY & SEGALOFF, P.C.
Its Attorney

ORAL ARGUMENT IS NOT REQUESTED
TESTIMONY IS NOT REQUIRED

SUSMAN, DUFFY & SEGALOFF, P.C. • ATTORNEYS AT LAW
P.O. BOX 1664 • NEW HAVEN, CONNECTICUT 06507 • (203) 624-9830 • JURIS NUMBER 62506

RETURN DATE: JUNE 14, 1994	:	SUPERIOR COURT
UNION TRUST COMPANY,	:	JUDICIAL DISTRICT OF NEW HAVEN
Plaintiff	:	AT NEW HAVEN
VS.	:	
JOHN BUTKA,	:	MAY 18, 1994
Defendant	:	

COMPLAINT

1. By his Commercial Mortgage Note dated February 22, 1984 (hereinafter "the Note"), the Defendant, John Butka, promised to pay to the order of Union Trust Company (hereinafter the "Plaintiff") the principal sum of Three Hundred Fifty Thousand and 00/100 Dollars (\$350,000.00), payable with interest thereon, as provided for by the terms of the Note, a copy of which is attached hereto as Exhibit A.

2. The Plaintiff is the current owner and holder of the Note.

3. The Defendant, John Butka, has failed and neglected to pay the installment of principal and interest due on or about December 1, 1993 and each and every payment due thereafter.

4. Despite demand for payment having been made, there is now due and payable on the Note and owing to the Plaintiff by the

Defendant, John Butka, the principal sum of \$178,564.07 plus interest, costs and expenses of this action, including reasonable attorneys' fees, all as provided by the terms of the Note.

BUSMAN, DUFFY & SEGALOFF, P.C. • ATTORNEYS AT LAW

P.O. BOX 1884 • NEW HAVEN, CONNECTICUT 06507 • (203) 624-8830 • JURIS NUMBER 62508

Aug. 31 1994 11:59AM P04

PHONE NO. :

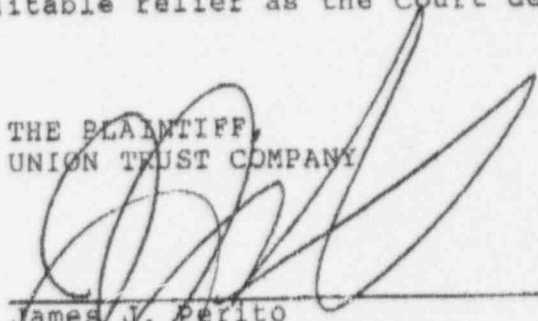
FROM : Panasonic TAD/FAX

WHEREFORE, the Plaintiff claims:

1. Money damages;
2. Interest;
3. The cost and expenses of this action including reasonable attorneys' fees;
4. An order of weekly payments from the Defendant, John Butka;
and
5. Such other and further equitable relief as the Court deems proper.

THE PLAINTIFF,
UNION TRUST COMPANY

BY:


James J. Perito
SUSMAN, DUFFY & SEGALOFF, P.C.
P.O. Box 1684
New Haven, CT 06507
Its Attorney

0304K

SUMMONS

CIVIL (except family actions)

JD-CV-1 Rev. 3-91

GEN. STAT. 51-346, 51-347, 51-348, 51-350, 52-45a,

52-48, 52-259

PR. BK. 49, 63, 86

SUPERIOR COURT**INSTRUCTIONS**

1. Prepare on typewriter, sign original summons (top sheet) and conform copies of the summons (sheets 3 and 4).
2. If there is more than one defendant, prepare or photocopy conformed summons for each additional defendant.
3. Attach the original summons, with computer sheet attached (page 2), to the original complaint, and attach a copy of the summons to each copy of the complaint. Also, if there are more than 2 plaintiffs or 4 defendants prepare form JD-CV-2 and attach it to the original and all copies of the complaint.
4. After service has been made by officer, file original papers and officer's return with the clerk of the court.
5. The party recognized to pay costs must appear personally before the authority taking the recognizance.
6. Do not use this form for actions in which an attachment, garnishment or replevy is being sought. See Practice Book Section 49 for other exceptions.

TO: Any proper officer; BY AUTHORITY OF THE STATE OF CONNECTICUT, you are hereby commanded to make due and legal service of this Summons and attached Complaint.

"X" ONE OF THE FOLLOWING:

Amount, legal interest or property in demand, exclusive of interest and costs is

- a. ☐ less than \$2,500
b. ☐ \$2,500 through \$14,999.99
c. ☒ \$15,000 or more
d. ☐ Claiming other relief in addition to or in lieu of money damages.

<input checked="" type="checkbox"/> JUDICIAL DISTRICT <input type="checkbox"/> HOUSING SESSION <input type="checkbox"/> G.A. _____	AT (Town in which writ is returnable) (Gen. Stat. 51-346, 51-348) NEW HAVEN	RETURN DATE (Mo., day, yr.) JUNE 14, 1994
ADDRESS OF CLERK OF COURT WHERE WAIT AND OTHER PAPERS SHALL BE FILED (Gen. Stat. 51-347, 51-350) 235 Church Street, New Haven, Connecticut 06510		CASE TYPE (From Judicial Dept. case list) Major C Minor 40

PARTIES	NOTE: Individual's Names: Last, First, Middle Initial	NAME AND ADDRESS OF EACH PARTY	<input type="checkbox"/> Form JD-CV-2 attached
FIRST NAMED PLAINTIFF		UNION TRUST COMPANY, corner Church and Elm Streets, New Haven, CT 06510	
Additional Plaintiff			
FIRST NAMED DEFENDANT		BUTKA, JOHN, 38 Harvest Hill Road, Trumbull, CT 06611	
Additional Defendant			
Additional Defendant			
Additional Defendant			

NOTICE to each DEFENDANT

1. You are being sued.
2. This paper is a Summons in a lawsuit.
3. The Complaint attached to these papers states the claims that each Plaintiff is making against you in this lawsuit.
4. To respond to this summons, or to be informed of further proceedings, you or your attorney must file a form called an "Appearance" with the Clerk of the above named Court at the above Court address on or before the second day after the above Return Date.
5. If you or your attorney do not file a written "Appearance" form on time, a judgment may be entered against you by default.
6. The "Appearance" form may be obtained at the above Court address.
7. If you believe that you have insurance that may cover the claim that is being made against you in this lawsuit, you should immediately take the Summons and Complaint to your insurance representative.
8. If you have questions about the Summons and Complaint, you should consult an attorney promptly. The Clerk of Court is not permitted to give advice on legal questions.

DATE May 18, 1994	SIGNED (sign and "X" printed box) 	<input checked="" type="checkbox"/> Commissioner of Superior Court <input type="checkbox"/> Assistant Clerk	TYPE IN NAME OF PERSON SIGNING AT LEFT James J. Perito
FOR THE PLAINTIFF(S) ENTER THE APPEARANCE OF: NAME AND ADDRESS OF ATTORNEY, LAW FIRM OR PLAINTIFF IF PRO SE SUSMAN, DUFFY & SEGALOFF, P.C., P.O. Box 1684, New Haven, CT 06507		TELEPHONE NO. 624-9830	JURIS NO. (if any, or law firm) 62505
NAME AND ADDRESS OF PERSON RECOGNIZED TO PROSECUTE IN THE AMOUNT OF \$250 Maria M. Kowal, 55 Church St., New Haven, CT 06510		SIGNATURE OF PLAINTIFF IF PRO SE	
NO. PLFS. 1	NO. DEFS. 1	NO. CNTS. 1	SIGNED Official taking recognizance, "X" printed box <input checked="" type="checkbox"/> Commissioner of Superior Court <input type="checkbox"/> Assistant Clerk

IF THIS SUMMONS IS SIGNED by a CLERK:

- a. The signing has been done so that the Plaintiff(s) will not be denied access to the courts.
- b. It is the responsibility of the Plaintiff(s) to see that service is made in the manner provided by law.
- c. The Clerk is not permitted to give any legal advice in connection with any lawsuit.
- d. The Clerk signing this Summons at the request of the Plaintiff(s) is not responsible in any way for any errors or omissions in the Summons, any allegations contained in the Complaint, or the service thereof.

I hereby certify I have read and understand the above:	SIGNED (Pro se plaintiff) 	DATE SIGNED	DOCKET NO.
--	-------------------------------	-------------	------------

ATTEST:
A TRUE COPY
ALBERT W. CALIENDO
SHERIFF - FAIRFIELD COUNTY

TELEPHONE CONVERSATION LOG

DATE:

July 7, 1994

PERSON CALLED:

John Butka

ORGANIZATION:

Former owner of Butkin

TELEPHONE NUMBER:

(203) 878-6026

LICENSE NUMBER:

N/A

DOCKET NUMBER:

N/A

MAIL CONTROL NUMBER:

N/A

PERSON CALLING:

David B. Everhart (215) 337-6936
USNRC Region I FAX Numbers
475 Allendale Road (215) 337-5269 or
King of Prussia, PA 19406 (215) 337-5234

SUBJECT Decommissioning of Butkin Precision (STB-1505)

SUMMARY:

Mr. Butka gave a historical synopsis of the events leading up to the present condition of Butkin Precision Manufacturing, Inc. (BPMI). He stated that approximately two years ago, he sold BPMI to his son-in-law, Bart Anderson. Due to personal conflicts, he withdrew from the company shortly thereafter. Bart Anderson "ran the business into the ground" and borrowed from his brother Bradley Anderson. Bradley used BPMI's assets as collateral for the loan and when the amount of the loan approximately equalled the value of the assets, he called the loan and sold the assets and paid off the loan.

According to Mr. Butka, the new BPMI did not pay the mortgage on the building, and the bank has foreclosed on the building. Mr. Butka was not aware of the circumstances until it was too late. At the present time, he is trying to negotiate with the bank to keep the building and either rent it to several smaller companies or restart the business himself.

ACTION REQUIRED/TAKEN:

SIGNATURE:

DATE:

OFFICIAL RECORD COPY

ML 10

Butkin Precision Mfg. Corp.

83 ERNA AVE. MILFORD, CT 06460
(203) 878-2416
FAX (203) 877-4485

040-08936

K-8

June 30, 1994

United States Nuclear Regulatory Agency
Region I
475 Aylendale Road
King Of Prussia, PA 19406-1415

Attention: Mr. Ronald Bellamy, Chief
Nuclear Materials Safety Branch
Division of Radiation Safety and Safeguards

Dear Mr. Bellamy,

Please find enclosed a complete report outlining the decommissioning activity conducted at this facility during the month of June.

This activity has been completed with the exception of the transfer off site of the fire debris that has been stored here for some years. I have been informed by the various dump sites that they either have closed or will not accept this type waste. The options I see open with regard to this debris are outlined in the conclusion section of this report. Please review them and contact me with your thoughts.

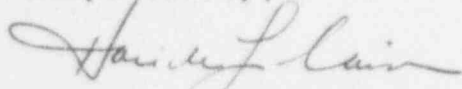
I will be available to meet with your representatives during July however because I am in effect, no longer employed by Butkin, I am actively seeking employment in and out of the state and have specific dates that I will NOT be available. I have listed them for your scheduling purposes:

July 5, 12, 15 thru 24
July 26 before 1:00 PM
July 28/29
August 2/9/16/23/30

I will offer my formal resignation as CRSO after meeting with your representatives unless otherwise instructed.

Should you need to reach me with any questions relative to this report please feel free to call me at my home telephone number, (203) 453-2492.

Respectfully,



Halide J. Caine

113463

OFFICIAL RECORD COPY

ML 10

JUL 5 1994

DESCRIPTION OF CLEANUP

Commencing June 6 thru June 29, 1994, clean up of the building located at 83 Erna Ave., Milford, CT occurred.

Cleanup was performed in six (6) phases listed as follows:

- PHASE 1 Cleanup and wipes of:
Equipment and tools
- PHASE 2 Cleanup and wipes of:
1st and 2nd floor offices, all
perimeter offices and work areas,
general factory (walls, ceiling,
permanent fixtures, electrical boxes etc.)
- PHASE 3 Scan (inside)
Of all areas including offices, general factory, etc.
- PHASE 4 Scan (outside)
Outside perimeter scan of grounds.
- PHASE 5 Transfer of fire debris to locked, secure storage area.
- PHASE 6 Exit survey including random wipe sampling and scanning.

**Approximately 600 wipe tests were performed using two technicians and the CRSO.

PHASE 1

CLEANING AND TESTING OF TOOLS AND EQUIPMENT

- 1) Wiped all machines free of chips and in some cases washed with industrial cleaner. *
- 2) Wipe tested each machine.
- 2) Gathered all tools together in like categories.
- 3) Randomly wiped groups of tools.
- 4) Scanned equipment for any contaminants.

RECAP:

Approximately 160 wipes were taken on the equipment and tools. All were found to be under the SCL.

Scans of each machine indicated no quantities of MGTH.

*Rags used for cleaning were scanned and found not to be contaminated.

WIPE TEST COUNTER CALIBRATION PROCEDURE

- 1) OBTAIN 90SR SOURCE, NES-267 AND PLACE INTO COUNTING TRAY (USE TWEEZERS TO HANDLE SOURCE)
- 2) SET MINUTES TO 1 (X1, A ONE MINUTE COUNT)
- 3) PUSH DRAWER IN. PUSH COUNTER BUTTON
- 4) COUNTS = 29305
- 5) PERFORM DECAY CORRECTION ON SOURCE:
 - a) TIME IN DAYS FROM 10/11/84 = 3524 DAYS
 - b) DIVIDE DAYS BY 365 = 9.65 YRS.
 - c) USE THE YEARS OBTAINED ABOVE (b) TO CALCULATE CURRENT ACTIVITY OF 90SR $\frac{-.693 \text{ (years)}}{29.12} = \underline{.0179} \text{ uci}$
 - d) USE VALUE OF A IN COUNTS TO GET BETA dpm: $A = 0.0224 \text{ e}$
 $\text{BETA dpm} = \underline{A} \times 2 \times 37000 \times 60$
OR
 $\underline{A} \times 4.44 \times 10^6$
BETA dpm = 79476
- 6) COMPUTE BETA EFFICIENCY, E_B
$$E_B = \frac{\text{COUNTS FROM (4)}}{\text{BETA dpm}} = \frac{29,305}{79476} = .368$$

DATE ^X APR. 6-13-94 .368
SIGNATURE *Handwritten Signature*

- 1) STANDARD CHECK: _____ COUN (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{Bkg.}$ = 44
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

WIPE# DESCRIPTION CTS. SIG? NET NET DPM
CPM DPM CM2 REMARKS

1	TOYODA FV45 VMH#NF2042	23	NO				
2	"	29	"				
3	"	37	"				
4	"	35	"				
5	"	38	"				
6	"	33	"				
1	TOYODA FHN 50TH N16070	20	NO				
2	"	19	"				
3	"	32	"				
4	"	29	"				
5	"	24	"				
6	"	40	"				
1	NIGATA NH SOA#05154	28	NO				
2	"	27	"				
3	"	24	"				
4	"	24	"				
5	"	26	"				
6	"	26	"				

DATE 6/13/99

SIGNATURE

[Signature]
[Signature]

- 1) STANDARD CHECK: _____ COUN (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{Bkg.}}$ = 49
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
1	#1 TACHI SEIKI SWE-1100 #5500	33	NO				
2	"	38	"				
3	"	29	"				
4	"	31	"				
5	"	37	"				
6	"	35	"				
1	#1 TACHI SEIKI 4NE-600 #41330	33	NO				
2	"	31	"				
3	"	26	"				
4	"	41	"				
5	"	33	"				
6	"	33	"				
1	#1 TACHI SEIKI 4NE-600 #4409	41	NO				
2	"	20	"				
3	"	20	"				
4	"	33	"				
5	"	27	"				
6	"	28	"				

DATE 6/2/54

SIGNATURE

H. Canto

H. Canto

Scan
- 0 -

- 0 -

50cpm

- 1) STANDARD COUNTR: _____ COUN (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{Bkg.}}$ = 49
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

Scal

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
9	Suburbing	37	No				
10	"	31	"				
1	of cedar	30	No				
2	"	49	"				
3	"	38	"				
4	"	39	"				
5	"	39	"				
6	"	25	"				
1	Matsuna	26	No				
2	"	28	No				
3	"	29	"				
4	"	17	"				
5	"	32	"				
6	"	32	"				

- 0 -

- 0 -

DATE 6/13/94

SIGNATURE P. Davidson

J. Cant

- 1) STANDARD CHECK: _____ COUN (90SR)
- 2) BACKGROUND: 48 COUNTS COUNT TIME 1 MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{Bkg.}}$ = 48
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

Sea

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
- 0 - 1	Lockwell	39	no				
2	"	29	no				
3	"	20	no				
- 0 - 1	Guernsey	25	no				
2	"	31	"				
3	"	30	"				
- 0 - 1	slake Drill	33	no				
2	"	23	"				
3	"	39	"				
- 0 - 1	Bpr 172437	25	no				
2	"	24	no				
3	"	33	no				
- 0 - 1	Bpr 10673	38	no				
2	"	34	"				
3	"	24	"				
- 0 - 1	Bpr 75791	35	no				
2	"	26	"				
3	"	38	"				

DATE 6/13/82

SIGNATURE

L. Anderson

J. L. Lamm

- 1) STANDARD CHECK: _____ COUNT (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME 1 MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + $2\sqrt{\text{Bkg.}}$ = 48
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

WIPE# DESCRIPTION CTS. SIG? NET CPM NET DPM DPM CM2 REMARKS

Scan

- 0 -

1	Clamsing	38	NO				
2	"	25	NO				
3	"	36	NO				

- 0 -

1	Harvest	39	NO				
2	"	56	NO				
3	"	33	NO				

- 0 -

1	Harding	30	NO				
2	"	34	NO				
3	"	41	NO				

- 0 -

1	P-19	23	NO				
2	"	30	"				
3	"	30	NO				

- 0 -

1	9119541	26	NO				
2	"	31	NO				
3	"	30	NO				

DATE 6/13/94

SIGNATURE

H. Cairn

- 1) STANDARD CHECK: _____ COUNT (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{Bkg.}}$ = 48
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

Sea

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
- 0 -							
1	BPT 10674	28	No				
2	"	21	"				
3	"	25	"				
- 0 -							
1	BA 389012	39	No				
2	"	38	"				
3	"	28	"				
- 0 -							
1	BPT F-01	40	No				
2	"	31	"				
3	"		"				
- 0 -							
1	BPT 177995	30	No				
2	"	34	"				
3	"	38	"				
- 0 -							
1	BPT 585374	43	No				
2	"	31	"				
3	"	37	"				

DATE 6/13/71

SIGNATURE

Lance H. Carson
H. Carson

- 1) STANDARD CHECK: _____ COUNTS (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{BKG.}}$ = 49
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

Sca

-0-

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
1	Incipit A20	30	1/0				
2	"	40	"				
3	"	29	"				
4	"	31	"				
5	"	23	"				
6	"	31	"				
1	Room office	26	NO				
2	"	33	"				
3	"	42	"				
4	"	41	"				
5	"	28	"				
6	"	29	"				
1	Conference (1st fl)	24	No				
2	"	25	"				
3	"	27	"				
4	"	31	"				
5	"	35	"				
6	"	30	"				

DATE 6/13/94

SIGNATURE

P. Anderson

H. Carr

- 1) STANDARD CHECK: _____ COUNTS (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + $2\sqrt{\text{BKG.}}$ = 49
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

Sea

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
1	<i>grind disc</i>	38					
2		40					
3		32					
4		23					
5		41					
6		33					
1	<i>grinding marks</i>	40					
2		38					
3		30					
4		37					
5		30					
6		34					
7		35					
8		21					
9		38					
10		36					
11		40					
12		37					

DATE 6/13/94

SIGNATURE

A. Caines
A. Caines

- Scn
- o -

DATE 6-18-97

J. Carr 6/13/84

H. Cans

- 1) STANDARD CHECK: _____ COUNTS (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + $2\sqrt{\text{Bkg.}}$ = 48
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
<u>Group</u> 1	Tools	19	100				
2		28					
3		24					
4		20					Scars
5		27					
6		17			- 0 -		
7		25					
8		24					
9		28					
10		23					
11		25			- 0 -		
12		30					
13		33					
14		24					
15		24					
16		26					
17		18			- 0 -		
18		23					
19		27					

DATE

6/13/94

SIGNATURE

[Signature]

[Signature]

PHASE 2

CLEANING AND TESTING OF OFFICES, WORK AREAS AND GENERAL FACTORY

- 1) Swept and/or vacuumed (if required) office spaces. Wiped walls, ceilings and any permanent fixtures.
- 2) Swept and/or vacuumed (if required) perimeter work areas. Wiped walls, ceilings and any permanent fixtures.
- 3) Swept and/or vacuumed (if required) general factory areas. Wiped walls, ceilings and any permanent fixtures.
- 4) Scanned above listed areas.

RECAP:

Approximately 370 wipes were taken in the above listed areas. All were found to be under the SCL.

Readings in the shipping/receiving general area were slightly higher than throughout the other areas (but still within limits) probably due to the fact that this area was used for staging MGTB drums that were returned to Textron Lycoming in the March of 1994. This area was thoroughly swept as a result. Floor sweepings were determined to be under the SCL.

W I P E S

LOCATION INDEX

LOCATION ID

A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W
X
Y
Z
AA
AB
AC

LOCATION

SHIPPING/RECEIVING
PRESSURE TEST
PAINT ROOM
SAND BLAST ROOM
FURNACE ROOM
REAR WALL GRINDING
LEFT WALL GRINDING
RIGHT WALL GRINDING
DOCK WALL S&R
FIXTURE STORAGE/MILLING
RIGHT WALL TURNING
BAY DOOR WALL/TURNING
STREET WALL/MILLING
ERNA AVE. WALL/MILLING
ERNA AVE. WALL/MANUAL
CAFE
JIGBORE
LAV. WALL/SHOP
LADIES ROOM
MENS ROOM
TIME CLOCK WALL
ENGINEERING
INSPECTION
PRODUCTION CONTROL
EMPLOYEE ENTRANCE
EXECUTIVE OFFICE
TOOL CRIB
GATED DOCK
DEBURRING

WIPE TEST COUNTER CALIBRATION PROCEDURE

- 1) OBTAIN 90SR SOURCE, NES-267 AND PLACE INTO COUNTING TRAY (USE TWEEZERS TO HANDLE SOURCE)
- 2) SET MINUTES TO 1 (X1, A ONE MINUTE COUNT)
- 3) PUSH DRAWER IN. PUSH COUNTER BUTTON
- 4) COUNTS = 29305
- 5) PERFORM DECAY CORRECTION ON SOURCE:
 - a) TIME IN DAYS FROM 10/11/84 = 3524 DAYS
 - b) DIVIDE DAYS BY 365 = 9.65 YRS.
 - c) USE THE YEARS OBTAINED ABOVE (b) TO CALCULATE CURRENT ACTIVITY OF 90SR $\frac{-.693 \text{ (years)}}{29.12} = \underline{1079} \text{ } \mu\text{Ci}$
 - d) USE VALUE OF A IN COUNTS TO GET BETA dpm: $A=0.0224 \text{ e}$
 $\text{BETA dpm} = \underline{A} \times 2 \times 37000 \times 60$
OR
 $\underline{A} \times 4.44 \times 10^6$
BETA dpm = 79476
- 6) COMPUTE BETA EFFICIENCY, E_B
$$E_B = \frac{\text{COUNTS FROM (4)}}{\text{BETA dpm}} = \frac{29,305}{79476} = .368$$

X
DATE APR. 6-13-94 .368

SIGNATURE *Handwritten Signature*

- 1) STANDARD CHECK: _____ COUN (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{Bkg.}}$ = 49
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

WIPE# DESCRIPTION CTS. SIG? NET NET DPM DPM REMARKS
CPM DPM CM2

A	13	Shipping/Cor.	36	No				
	14	"	48	"				
	15	"	33	"				
B	1	Pressure Test	48	No				
	2	"	30	"				
C	1	Paint Room	36	No				
	2	"	40	"				
	3	"	44	"				
D	1	Sanitary	44	No				
	2	"	46	"				
	3	"	36	"				
E	1	Brick Room	34	No				
	2	"	40	"				
	3	"	34	"				
	4	"	42	"				

DATE 4/13/94

SIGNATURE [Signature]

- 1) STANDARD CHECK: _____ COUNT (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + $2\sqrt{\text{Bkg.}}$ = 48
- 4) WIPE TEST RESULTS (1 - 1. COUNT)

Location

F

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
1	Grinding Room BACK WALL	35	NO				
2	"	24	"				
3	"	36	"				
4	"	33	"				
5	"	30	"				
6	"	22	"				
7	"	32	"				
8	"	35	"				
9	"	30	"				
10	"	39	"				
11	"	30	"				
12	"	33	"				
13	"	24	"				
14	"	32	"				
15	"	23	"				

DATE 6/14/72

SIGNATURE [Signature]

- 1) STANDARD CHECK: _____ COUNT (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ / _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{Bkg.}}$ = 48
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

WIPE# DESCRIPTION CTS. SIG? NET CPM NET DPM DPM CM2 REMARKS

1	Grinding room LEFT WALL	26	No				
2	"	27	"				
3	"	26	"				
4	"	27	"				
5	"	22	"				
6	"	31	"				
7	"	26	"				
8	"	30	"				
9	"	36	"				
10	"	37	"				
11	"	34	"				
12	"	37	"				
13	"	38	"				
14	"	31	"				
15	"	31	"				
16	"	22	"				
17	"	43	"				
18	"	28	"				
19	"	34	"				

DATE 6/14/94

SIGNATURE [Signature]

Location

6

- 1) STANDARD CHECK: _____ COUNT (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME 1 MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{Bkg.}}$ = 48
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

Location

G

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
20	"	28	NO				
21	"	32	"				
22	"	26	"				
23	"	35	"				
24	"	32	"				
25	"	33	"				
26	"	26	"				
27	"	20	"				
28	"	35	"				
29	"	41	"				
30	"	30	"				
1	DOCK Grinding Barbecue	32	NO				
2	"	25	"				
3	"	18	"				
4	"	40	"				
5	"	31	"				
6	"	29	"				
7	"	26	"				

DATE

6/24/94

SIGNATURE

[Signature]

- 1) STANDARD CHECK: _____ COUNT (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{Bkg.}}$ = 48
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

Location

H

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
1	Grinding room RIGHT WALL	32	No				
2	"	23	"				
3	"	26	"				
4	"	33	"				
5	"	25	"				
6	"	26	"				
7	"	28	"				
8	"	40	"				
9	"	26	"				
10	"	25	"				
11	"	28	"				
12	"	26	"				
13	"	24	"				
14	"	20	"				
15	"	40	"				
16	"	33	"				
17	"	32	"				
18	"	25	"				
19	"	34	"				

DATE 4/26/54

SIGNATURE P. J. [Signature]

1) STANDARD CHECK: COUNT (90SK)

2) BACKGROUND: _____ COUNTS COUNT TIME _____ / _____ MIN.

3) SIGNIFICANT COUNT LEVEL: BKG. + $2 \sqrt{BKG.}$ = 48

4) WIPE TEST RESULTS (1 MIN. COUNT)

WIPE#	DESCRIPTION	CTS.	SIG?	NET	NET	DPM	REMARKS
-------	-------------	------	------	-----	-----	-----	---------

Location

[illegible]

DATE [REDACTED] 6/15/94

SIGNATURE

- 1) STANDARD CHECK: _____ COUNT (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME 1 MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{Bkg.}}$ = 49
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

Location

X
|
Y
|

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
1	Office	32	No				
2	"	37	"				
3	"	33	"				
4	"	26	"				
5	"	34	"				
6	"	38	"				
1	Employee Ent. Hall	46	No				
2	"	38	"				
3	"	40	"				
4	"	29	"				
5	"	32	"				
6	"	33	"				

DATE 12/13/92

SIGNATURE J. Hansen

- 1) STANDARD CHECK: _____ COUNT (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + $2\sqrt{\text{Bkg.}}$ = 49
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
-------	-------------	------	------	------------	------------	------------	---------

1	IKCPT A20	30	NO				
2	"	40	"				
3	"	29	"				
4	"	31	"				
5	"	23	"				
6	"	31	"				

Location 2

1	Room office	26	NO				
2	"	33	"				
3	"	42	"				
4	"	41	"				
5	"	28					
6	"	29	"				

1	Conference (is he)	24	No				
2	"	25	"				
3	"	27	"				
4	"	31	"				
5	"	35	"				
6	"	30	"				

DATE 6/13/94

SIGNATURE P. Anderson

- 1) STANDARD CHECK: _____ COUNT (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME 1 MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 V_{BKG} = 48
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

Location	WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
AB	8	Docks	30	NO				
	9	"	31	"				
	10	"	35	"				
	11	"	23	"				Prior to transfer of fine debris
	12	"	28	"				
	13	"	32	"				
	14	"	32	"				
	15	"	24	"				
	1	Engineering	39	NO				
	2	"	27	"				
	3	"	35	"				
	4	"	32	"				
	5	"	23	"				
	6	"	25	"				
	7	"	24	"				
	8	"	23	"				
V	9	"	37	"				
	10	"	27	"				

DATE 6-14-9

SIGNATURE [Signature]

- 1) STANDARD CHECK: _____ COUNT (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{Bkg.}}$ = 49
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

Location

W

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
1	inspection	39	No				
2	"	48	"				
3	"	36	"				
4	"	39	"				
5	"	36	"				
6	"	37	"				
7	"	37	"				
8	"	42	"				
9	"	34	"				
10	"	42	"				

AC

1	cleaning	37	No				
2	"	29	"				
3	"	31	"				
4	"	31	"				
5	"	36	"				
6	"	24	"				
7	"	30	"				
8	"	36	"				

DATE 6/13/94

SIGNATURE

[Signature]

WIPE TEST COUNTER CALIBRATION PROCEDURE

- 1) OBTAIN 90SR SOURCE, NES-267 AND PLACE INTO COUNTING TRAY (USE TWEEZERS TO HANDLE SOURCE)
- 2) SET MINUTES TO 1 (X1, A ONE MINUTE COUNT)
- 3) PUSH DRAWER IN. PUSH COUNTER BUTTON
- 4) COUNTS = 29300
- 5) PERFORM DECAY CORRECTION ON SOURCE:
 - a) TIME IN DAYS FROM 10/11/84 = 3531 DAYS
 - b) DIVIDE DAYS BY 365 = 9.67 YRS.
 - c) USE THE YEARS OBTAINED ABOVE (b) TO CALCULATE CURRENT ACTIVITY OF 90SR $\frac{-.693 \text{ (years)}}{29.12} = \underline{.0177} \text{ uCi}$
 - d) USE VALUE OF A IN COUNTS TO GET BETA dpm: $A=0.0224 \text{ e}$
 $\text{BETA dpm} = \underline{A} \times 2 \times 37000 \times 60$
OR
 $\underline{A} \times 4.44 \times 10^6$
BETA dpm = 78588
- 6) COMPUTE BETA EFFICIENCY, E_B

$$E_B = \frac{\text{COUNTS FROM (4)}}{\text{BETA dpm}} = \frac{29300}{78588} = .372$$

DATE ~~APR.~~ 6-20-94

SIGNATURE Al Cann

- 1) STANDARD CHECK: _____ COUNTS (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{Bkg.}}$ = 41
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
-------	-------------	------	------	---------	---------	---------	---------

Location

P

1	Asph	32	710				
2	"	36	"				
3	"	24	"				
4	"	24	"				
5	"	36	"				
6	"	37	"				
7	"	31	"				
8	"	28	"				
9	"	32	"				
10	"	27	"				
1	SIGBULK	33	ND				
2	"	25	"				
3	"	39	"				
4	"	30	"				
5	"	25	"				
6	"	23	"				
7	"	40	"				
8	"	29	"				
9	"	33	"				
10	"	40	"				

DATE 6/20/24

SIGNATURE

A. Anderson

- 1) STANDARD CHECK: _____ COUNTS (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{BKG.}}$ = 48
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

Location

WIPE# DESCRIPTION CTS. SIG? NET CPM NET DPM DPM CM2 REMARKS

9	left wall mill wall	27	no				
10	"	30	"				
11	"	38	"				
	TURNING						
1	inner wall	35	NO				
2	"	40	"				
3	"	33	"				
4	"	30	"				
5	"	32	"				
6	"	32	"				
7	inner wall box	32	"				
8	"	29	"				
9	"	39	"				
10	"	37	"				
11	"	34	"				

DATE

6/24/99

SIGNATURE

[Signature]

- 1) STANDARD CHECK: _____ COUNTS (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{Bkg.}}$ = 48
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

Location

AB

N

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
10	BIG Wall Galid Deck	45	No				
11	"	35	"				
12	"	28	"				
13	"	25	"				
14	"	41	"				
15	"	31	"				
16	"	21	"				
17	"	21	"				
18	"	31	"				
19	"	21	"				
20	"	36	"				
1	Milling ERNA wall	39	"				
2	"	missing					
3	"	30	"				
4	"	25	"				
5	"	27	"				
6	"	26	"				
7	left wall ERNA Milling	38	"				
8	"	27	"				

DATE

16/3/58

SIGNATURE

[Signature]

- 1) STANDARD CHECK: _____ COUNTS (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{Bkg.}}$ = 48
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

Location

AB

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
1	(DUGR WALL) Landed Deck	39	No				
2	"	33	"				
3	"	40	"				
4	"	24	"				
5	"	34	"				
6	"	28	"				
7	"	22	"				
8	"	33	"				
9	"	23	"				
10	"	23	"				
1	BIG WALL Landed Deck	38	No				
2	"	37	"				
3	"	34	"				
4	"	34	"				
5	"	34	"				
6	"	40	"				
7	"	37	"				
8	"	35	"				
9	"	20	"				

DATE

6/5/59

SIGNATURE

[Signature]

- 1) STANDARD CHECK: _____ COUNTS (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME / MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{Bkg.}}$ = 48
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

WIPE# DESCRIPTION CTS. SIG? NET CPM NET DPM DPM CM2 REMARKS

1	Manual Wipe	31	No				
2	"	21	"				
3	"	32	"				
4	"	25	"				
5	"	34	"				
6	"	33	"				
7	"	34	"				
8	"	28	"				
9	"	37	"				
10	"	30	"				
11	"	31	"				
12	"	34	"				
13	"	29	"				
14	"	33	"				
15	"	28	"				
16	"	30	"				
17	"	29	"				
18	"	27	"				
19	"	24	"				

DATE 6/2/90

SIGNATURE [Signature]

- 1) STANDARD CHECK: _____ COUNTS (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{Bkg.}}$ = 45
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

Location

WIPE# DESCRIPTION CTS. SIG? NET CPM NET DPM DPM CM2 REMARKS

20	Manuel's Plant	24	NO				
21	"	23	"				
22	"	34	"				
23	"	32	"				
24	"	39	"				
25	"	28	"				
26	"	43	"				
27	"	31	"				
28	"	28	"				
29	"	24	"				
30	"	40	"				
1	LIN Army wall Manuel's	34	NO				
2	"	28	"				
3	"	33	"				
4	"	29	"				
5	"	22	"				
6	"	36	"				
7	"	33	"				
8	"	23	"				

DATE

SIGNATURE

- 1) STANDARD CHECK: _____ COUNTS (90SR) _____
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ / _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{Bkg.}}$ = _____ 48
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

Location

U

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
1	Maxwell ops Cape wall	32	no				
2	"	34	"				
3	"	30	"				
4	"	24	"				
5	"	19	"				
6	"	29	"				
7	"	26	"				
8	"	36	"				
9	"	28	"				
10	"	36	"				
11	"	40	"				
12	"	25	"				
13	"	25	"				
14	"	22	"				
15	"	39	"				

DATE [REDACTED] 6/2/72

SIGNATURE

Carol Ann Anderson

- 1) STANDARD CHECK: _____ COUNTS (90SRF)
2) BACKGROUND: _____ COUNTS COUNT TIME _____ / MIN.
3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{Bkg.}}$ = _____
4) WIPE TEST RESULTS (1 MIN. COUNT)

Location

K

[illegible]

DATE 6/27/74

SIGNATURE *[Signature]*

- 1) STANDARD CHECK: _____ COUNTS (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{BKG.}}$ = 48
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
9	manuscript	28	710				
10	"	38	"				
11	"	38	"				
12	"	32	"				
13	"	25	"				
14	"	26	"				
15	"	32	"				
16	"	24	"				
17	"	31	"				
18	"	38	"				
19	"	29	"				
20	"	26	"				
1	WARRISLAD	32	710				
2	"	32	"				
3	"	27	"				
4	"	43	"				
5	"	32	"				
6	"	34	"				

DATE 6/24/54

SIGNATURE L. Anderson

- 1) STANDARD CHECK: _____ COUNTS (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{Bkg.}}$ = 48
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

Location

T

AA

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
1	Membrane	22	No				
2	"	23	"				
3	"	34	"				
4	"	31	"				
5	"	32	"				
6	"	39	"				
1	Tool Crib	38	No				
2	"	33	"				
3	"	39	"				
4	"	28	"				
5	"	29	"				
6	"	26	"				
7	"	37	"				
8	"	26	"				
9	"	34	"				
10	"	37	"				
11	"	37	"				
12	"	28	"				
13	"	30	"				

DATE 6/24/98

SIGNATURE P. Anderson

14	"	29	"				
15	"	29	"				

WIPE TEST COUNTER CALIBRATION PROCEDURE

1) OBTAIN 90SR SOURCE, NES-267 AND PLACE INTO COUNTING TRAY (USE TWEEZERS TO HANDLE SOURCE)

2) SET MINUTES TO 1 (X1, A ONE MINUTE COUNT)

3) PUSH DRAWER IN. PUSH COUNTER BUTTON

4) COUNTS = 29353

5) PERFORM DECAY CORRECTION ON SOURCE:

a) TIME IN DAYS FROM 10/11/84 = 3538 DAYS

b) DIVIDE DAYS BY 365 = 9.67 YRS.

c) USE THE YEARS OBTAINED ABOVE (b) TO CALCULATE
CURRENT ACTIVITY OF 90SR $\frac{-.693 \text{ (years)}}{29.12} = \underline{.0177} \text{ uCi}$

d) USE VALUE OF A IN COUNTS TO GET BETA dpm: $A=0.0224 \text{ e}$
 $\text{BETA dpm} = A \times 2 \times 37000 \times 60$
OR
 $A \times 4.44 \times 10^6$

BETA dpm = 78588

6) COMPUTE BETA EFFICIENCY, E_B

$$E_B = \frac{\text{COUNTS FROM (4)}}{\text{BETA dpm}} = \frac{29353}{78588} = .373$$

DATE ~~APR~~ 6-27-94

SIGNATURE [Signature]

- 1) STANDARD CHECK: _____ COUNTS (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{BKG.}}$ = 48
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
1	Milling/Low	30	No				
2	"	30	"				
3	"	42	"				
4	"	27	"				
5	"	36	"				
6	"	32	"				
7	"	26	"				
8	"	30	"				
9	"	34	"				
10	"	28	"				
11	"	20	"				
12	"	34	"				
13	"	32	"				
14	"	28	"				
	Milling/Ceilings	30	No				
16	"	31	"				
17	"	38	"				
18	"	32	"				
21	"	32	"				
22	"	36	"				

DATE

SIGNATURE

Carol M. [Signature]

- 1) STANDARD CHECK: _____ COUNTS (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME 1 MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + $2\sqrt{BKG.}$ = 48
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
15	Milling/H16H	32	No				
19	"	34	"				
20	"	24	"				
23	"	30	"				
24	"	29	"				
25	"	26	"				
26	"	24	"				
27	"	25	"				
28	"	27	"				
29	"	26	"				
30	"	18	"				
31	"	30					
32	Milling/ ⁹⁴² Concrete	28	No				
33	"	33	"				
34	"	27	"				
35	"	39	"				

DATE 6/25/94

SIGNATURE Carol Ann [Signature]

- 1) STANDARD CHECK: _____ COUNTS (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{BKG.}}$ = _____ 48
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
36	Mailbox/Ceiling ⁸³⁴⁵³⁰	24	70				
37	"	34	"				
38	"	35	"				
39	"	28	"				
40	"	33	"				
1	Miscellaneous	26	70				
2	"	28	"				
3	"	24	"				
4	"	33	"				
5	"	26	"				
6	"	41	"				
7	"	35	"				
8	"	19	"				
9	"	25	"				
10	"	33	"				
11	"	41	"				
12	"	35	"				
13	"	36	"				
14	"	19	"				

DATE 6/20/74

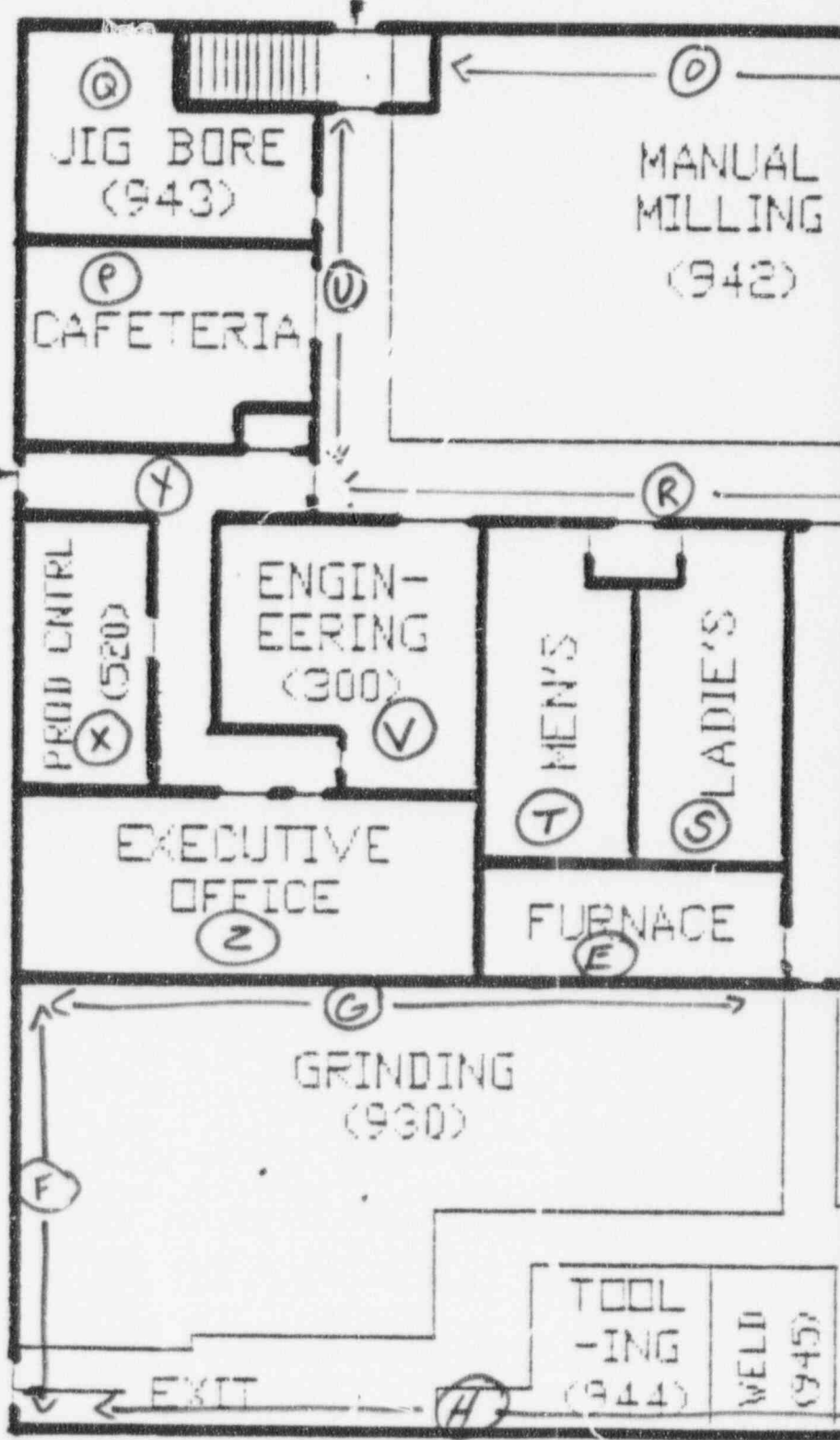
SIGNATURE P. Anderson

EP

PARKING

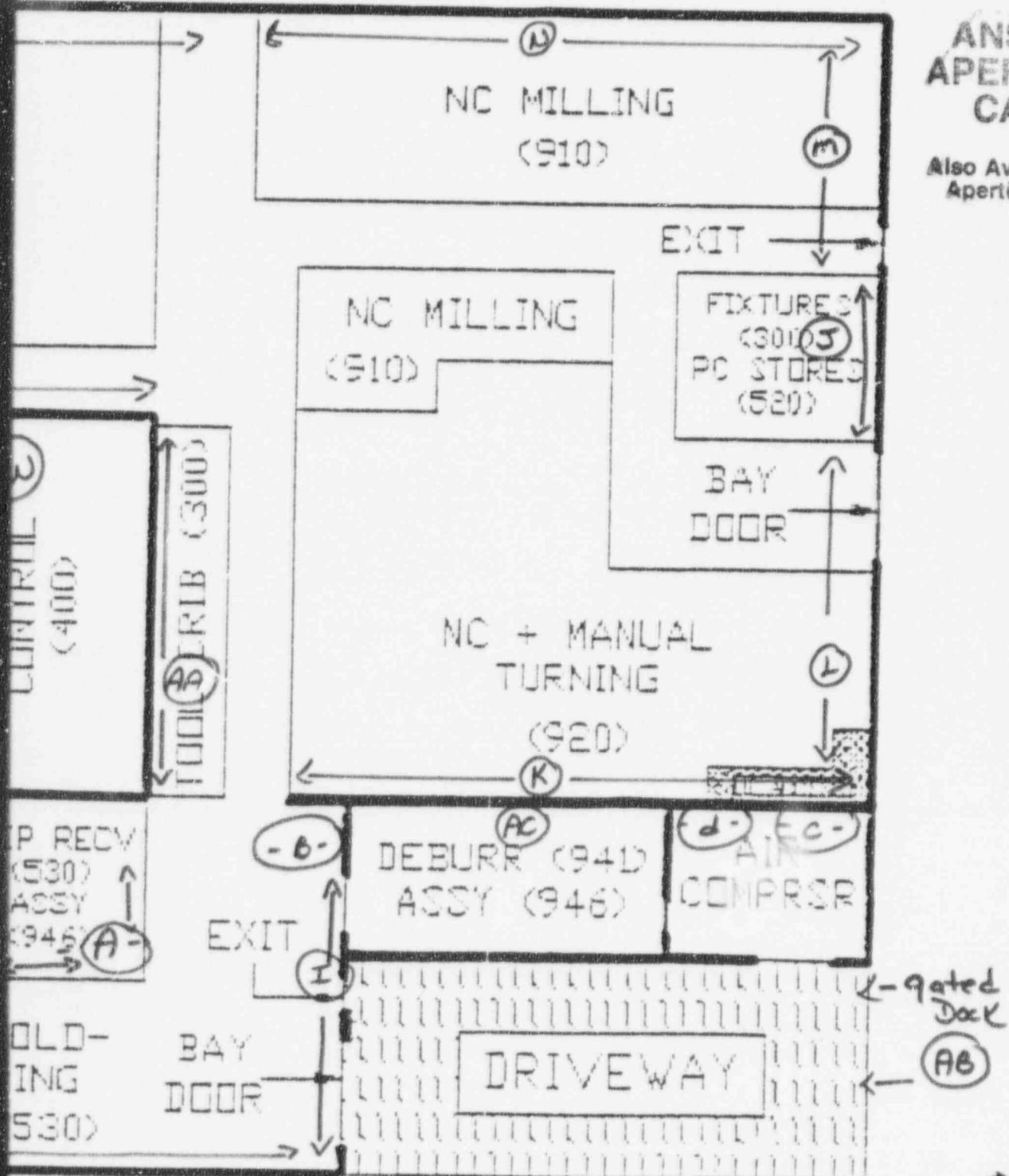
EMPLOYEE ENTRANCE

MAIN ENTRANCE



Wipe Test
Layout

NA AVE



ANSTEC
APERTURE
CARD

Also Available on
Aperture Card

9507250266-01

WIPE TEST COUNTER CALIBRATION PROCEDURE

- 1) OBTAIN 90SR SOURCE, NES-267 AND PLACE INTO COUNTING TRAY (USE TWEEZERS TO HANDLE SOURCE)
- 2) SET MINUTES TO 1 (X1, A ONE MINUTE COUNT)
- 3) PUSH DRAWER IN. PUSH COUNTER BUTTON
- 4) COUNTS = 29305
- 5) PERFORM DECAY CORRECTION ON SOURCE:
 - a) TIME IN DAYS FROM 10/11/84 = 3524 DAYS
 - b) DIVIDE DAYS BY 365 = 9.65 YRS.
 - c) USE THE YEARS OBTAINED ABOVE (b) TO CALCULATE CURRENT ACTIVITY OF 90SR $\frac{-0.693 \text{ (years)}}{29.12} = \underline{10179} \text{ uci}$
 - d) USE VALUE OF A IN COUNTS TO GET BETA dpm: $A=0.0224 \text{ e}$
 $\text{BETA dpm} = \underline{A} \times 2 \times 37000 \times 60$
OR
 $\underline{A} \times 4.44 \times 10^6$
BETA dpm = 79476
- 6) COMPUTE BETA EFFICIENCY, E_B

$$E_B = \frac{\text{COUNTS FROM (4)}}{\text{BETA dpm}} = \frac{29,305}{79476} = .368$$

DATE ⁴APR. 6-13-94 .368
SIGNATURE *Handwritten Signature*

- 1) STANDARD CHECK: _____ COUNT (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME 1 MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 V_{avg} = 41
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
1	2nd floor storage	22	712				
2	"	40	"				
3	"	34	"				
4	"	31	"				
5	"	28	"				
1	2nd floor LAV	31	720				
2	"	27	"				
3	"	21	"				
4	"	37	"				
5	"						
1	Rest storage room	35	"				
2	"	27	"				
3	"	23	"				
4	"	19	"				
5	"	50	"				
1	2nd floor Conference	30	"				
2	"	34	"				
3	"	35	"				
4	"	31	"				
5	"	33	"				

DATE 6/14/97

SIGNATURE [Signature]

- 1) STANDARD CHECK: _____ COUNT (90SR)
- 2) BACKGROUND: 41 COUNTS COUNT TIME 1 MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{BKG.}}$ = 41
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
1	Vice Pres office	26	760				
2	"	31	"				
3	"	28	"				
4	"	34	"				
5	"	28	"				
1	Business 466	34	760				
2	"	37	"				
3	"	39	"				
4	"	30	"				
5	"	29	"				
1	(H7)	26	760				
2	"	25	"				
3	"	38	"				
4	"	25	"				
5	"	34	"				
1	2nd Floor Bus Entrance	29	"				
2	"	35	"				
3	"	33	"				
4	"	28	"				
5	"	20	"				

DATE 4/14/94

SIGNATURE L. B. Deane

- 1) STANDARD COUNT: _____ COUNT (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + $2\sqrt{\text{BKG.}}$ = 41
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
1	front office	32	no				
2	"	23	"				
3	"	29	"				
4	"	26	"				
5	"	26	"				
1	2nd floor foyer, stairs, 12th fl foyer	71 ³³ 70	no				
2	"	38	"				
3	"	24	"				
4	"	31	"				
6	"	34	"				
6	"	26	"				
7	"	35	"				
8	"	26	"				
9	"	23	"				
10	"	28	"				
11	"	35	"				
12	"	21	"				
13	"	34	"				

DATE 6/14/99

SIGNATURE [Signature]

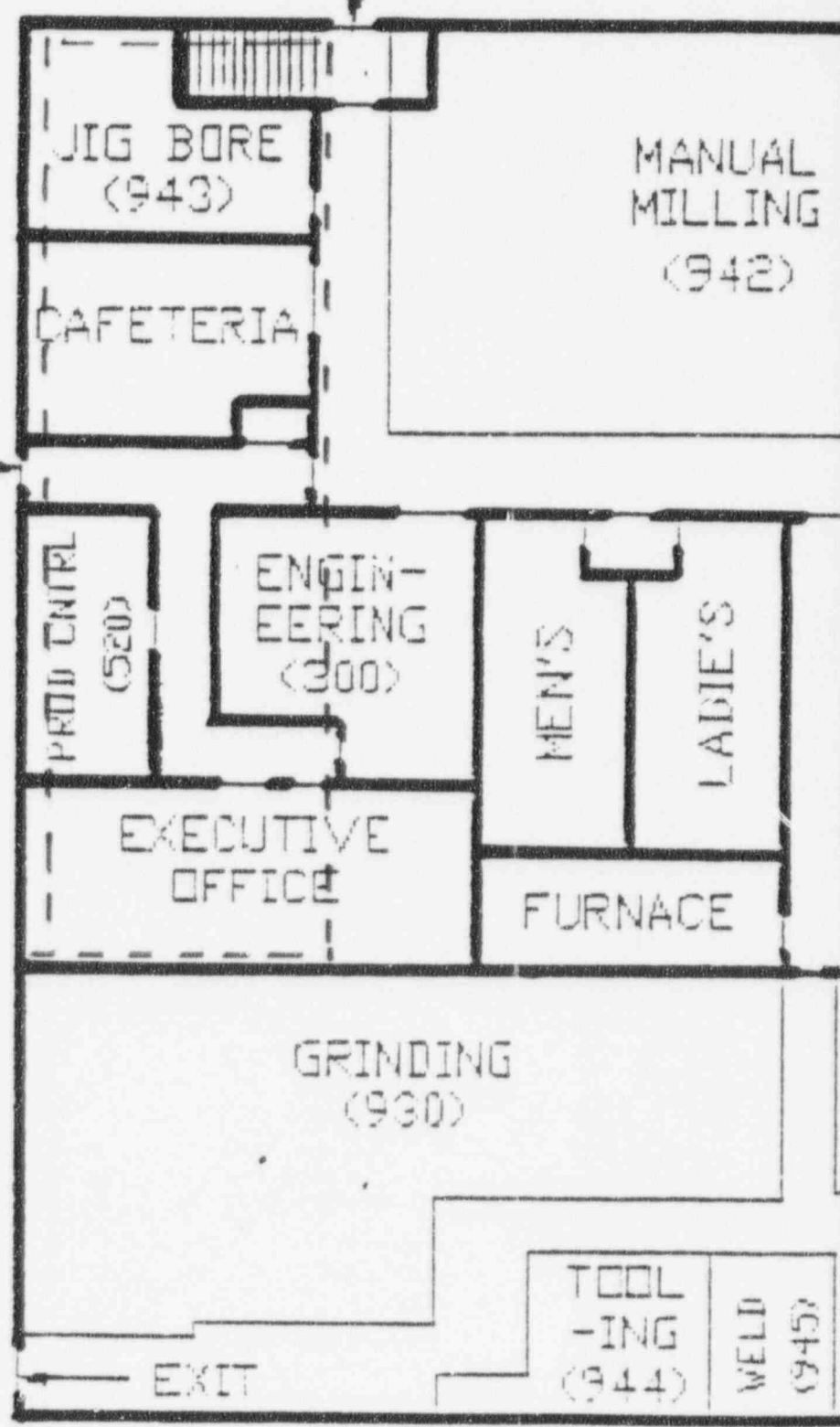
ER

2nd floor
offices.

PARKING

EMPLOYEE ENTRANCE

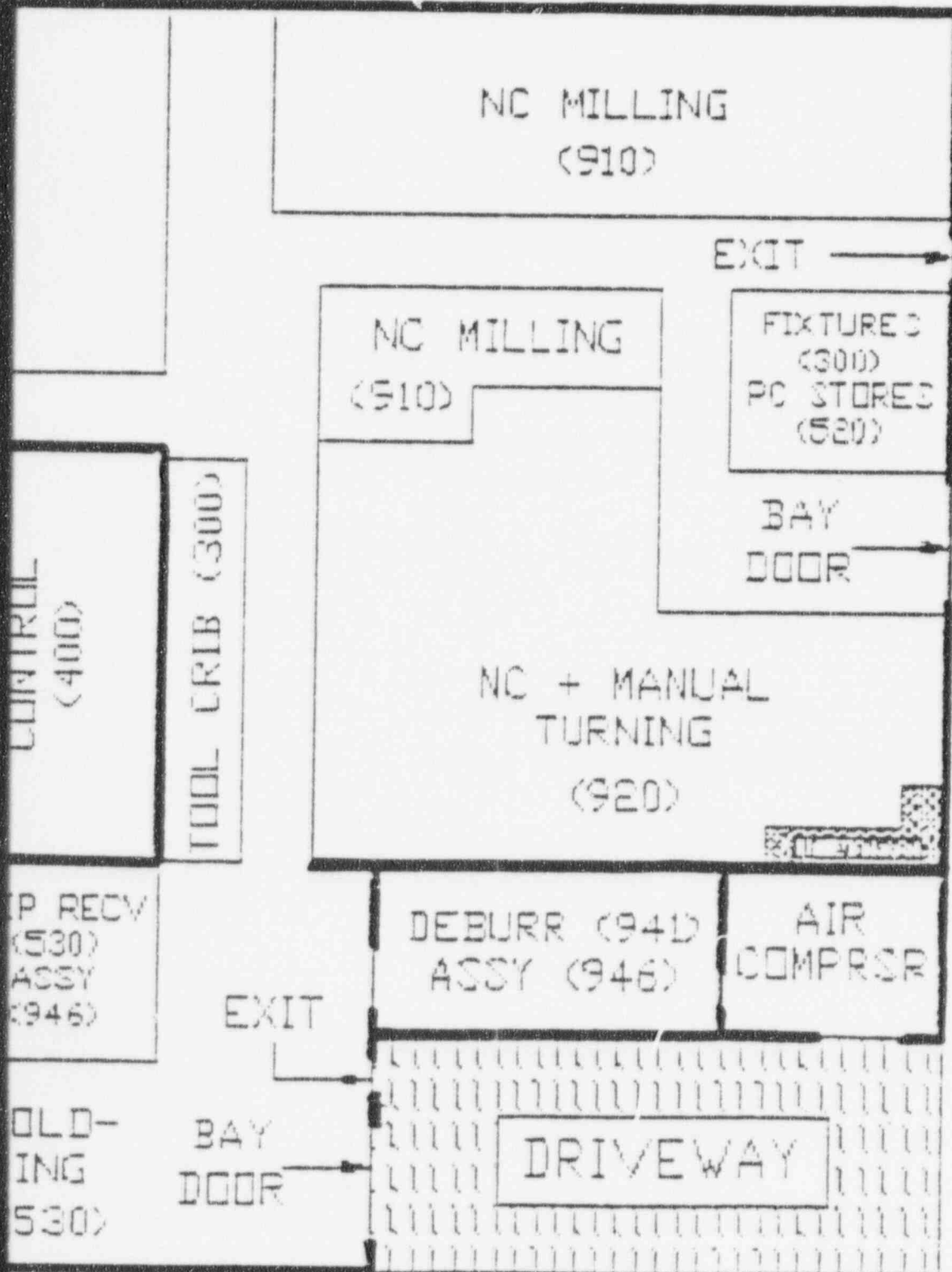
MAIN ENTRANCE



Wipe Test
Layout - 2nd floor

IA AVE

--- = Office Area 2nd floor



ANSTEC
APERTURE
CARD

Also Available on
Aperture Card

9507250266-02

PHASE 3

INSIDE SCAN OF BUILDING

- 1) Scanned all inside offices, work areas, storage areas.
- 2) Scanned all general factory areas.
- 3) Scanned gated dock area.

RECAP: No significant readings found.

SCAN SURVEY

LOCATION INDEX

LOCATION ID

A
B
C
D
E
F
G
H
A1
B1
C1
D1
E1
F1
G1
H1
I

LOCATION

2ND FLOOR OFFICES
JIGBORE
CAFE
SIDE ENTRANCE/FOYER
PRODUCTION CONTROL
ENGINEERING
MENS LAV
LADIES LAV
INSPECTION
FURNACE ROOM
GRINDING
SHIPPING/RECEIVING
TURNING
MANUAL
MILLING
MILLING
DOCK

THORIUM MONITOR SURVEY

DATE: 6/8/94 SURVEY INSTRUMENT/INSTRUMENTS USED: COUNTS IN: cpm RMS: 0-100 cpm

USE ATTACHED LAYOUT FOR GENERAL AREAS CHECKED AND READINGS

FOR SPECIFIC AREAS CHECKED WITH MULTIPLE READINGS USE A-D

DISTANCE FROM SOURCE	LOCATION A	LOCATION B	LOCATION C	LOCATION D
12 INCHES	-0-	-0-	-0-	-0-
24 INCHES	I	I	I	I
36 INCHES	I	I	I	I

EXPLAIN ANY HIGH READINGS AND/OR ABNORMALITIES FOUND:

None

THORIUM CONTAINERS LABELED

THORIUM CONTAINERS SEGREGATED

THORIUM CONTAINERS SERLED

STORAGE AREA SECURE

USE ATTACHED LAYOUT FOR GENERAL AREAS CHECKED AND READINGS

FOR SPECIFIC AREAS CHECKED WITH MULTIPLE READINGS USE

DISTANCE FROM SOURCE	LOCATION E	LOCATION F	LOCATION G	LOCATION H
12 INCHES	-0-	-0-	-0-	-0-
24 INCHES	I	I	I	I
36 INCHES	I	I	I	I

EXPLAIN ANY HIGH READINGS AND/OR ABNORMALITIES FOUND:

None

ASSISTANT RADIATION SAFETY OFFICER

ARSD

Charles L. Carr 6/8/94

CERTIFIED RADIATION SAFETY OFFICER

CRSD

THORIUM MONITOR SURVEY

DATE: 6/8/94 SURVEY INSTRUMENT/INSTRUMENTS USED:

COUNTS IN: CPM BK5: 0-1000CPM

SEE ATTACHED LAYOUT FOR GENERAL AREAS CHECKED AND READINGS

FOR SPECIFIC AREAS CHECKED WITH MULTIPLE READINGS USE A-D

DISTANCE FROM SOURCE	LOCATION	LOCATION	LOCATION	LOCATION	LOCATION
	A1	B1	C1	D1	
12 INCHES	-0-	-0-	-0-	-0-	-0-
24 INCHES	I	I	I	I	I
36 INCHES	I	I	I	I	I

EXPLAIN ANY HIGH READINGS AND/OR ABNORMALITIES FOUND:

None

THORIUM CONTAINERS LABELED

THORIUM CONTAINERS SEGREGATED

THORIUM CONTAINERS SEALED

STORAGE AREA SECURE

SEE ATTACHED LAYOUT FOR GENERAL AREAS CHECKED AND READINGS

FOR SPECIFIC AREAS CHECKED WITH MULTIPLE READINGS USE

DISTANCE FROM SOURCE	LOCATION	LOCATION	LOCATION	LOCATION
	E1	F1	G1	H1
12 INCHES	-0-			
24 INCHES	I			
36 INCHES	I			

EXPLAIN ANY HIGH READINGS AND/OR ABNORMALITIES FOUND:

None

ASSISTANT RADIATION SAFETY OFFICER

ARSO

CERTIFIED RADIATION SAFETY OFFICER

CRSO

David Lane 6/8/94

THORIUM MONITOR SURVEY

DATE: 6/8/94 SURVEY INSTRUMENT/INSTRUMENTS USED:

COUNTS IN: CPM BKS: 0-100CPM

SEE ATTACHED LAYOUT FOR GENERAL AREAS CHECKED AND READINGS

FOR SPECIFIC AREAS CHECKED WITH MULTIPLE READINGS USE A-D

DISTANCE FROM SOURCE	LOCATION	LOCATION	LOCATION	LOCATION
12 INCHES				
24 INCHES				
36 INCHES				

EXPLAIN ANY HIGH READINGS AND/OR ABNORMALITIES FOUND:

THORIUM CONTAINERS LABELED

THORIUM CONTAINERS SEPARATED

THORIUM CONTAINERS SEALED

STORAGE AREA SECURE

SEE ATTACHED LAYOUT FOR GENERAL AREAS CHECKED AND READINGS

FOR SPECIFIC AREAS CHECKED WITH MULTIPLE READINGS USE

DISTANCE FROM SOURCE	LOCATION	LOCATION	LOCATION	LOCATION
12 INCHES	I			
24 INCHES				
36 INCHES				

EXPLAIN ANY HIGH READINGS AND/OR ABNORMALITIES FOUND:

ASSISTANT RADIATION SAFETY OFFICER

ARSD

David F. Lewis 6/11/94

CERTIFIED RADIATION SAFETY OFFICER

CRSD

EP

MAIN ENTRANCE

JIG BORE
(943) (E)

MANUAL
MILLING
(942) (F)

CAFETERIA
(C)

PROD CNTRL
(520) (E)

ENGINEERING
(300) (F)

MEN'S
(6)

LADIE'S
(4)

EXECUTIVE
OFFICE

FURNACE
(3)

GRINDING
(930) (C)

TOOL
DRESSING
(944)

WELDING
(945)

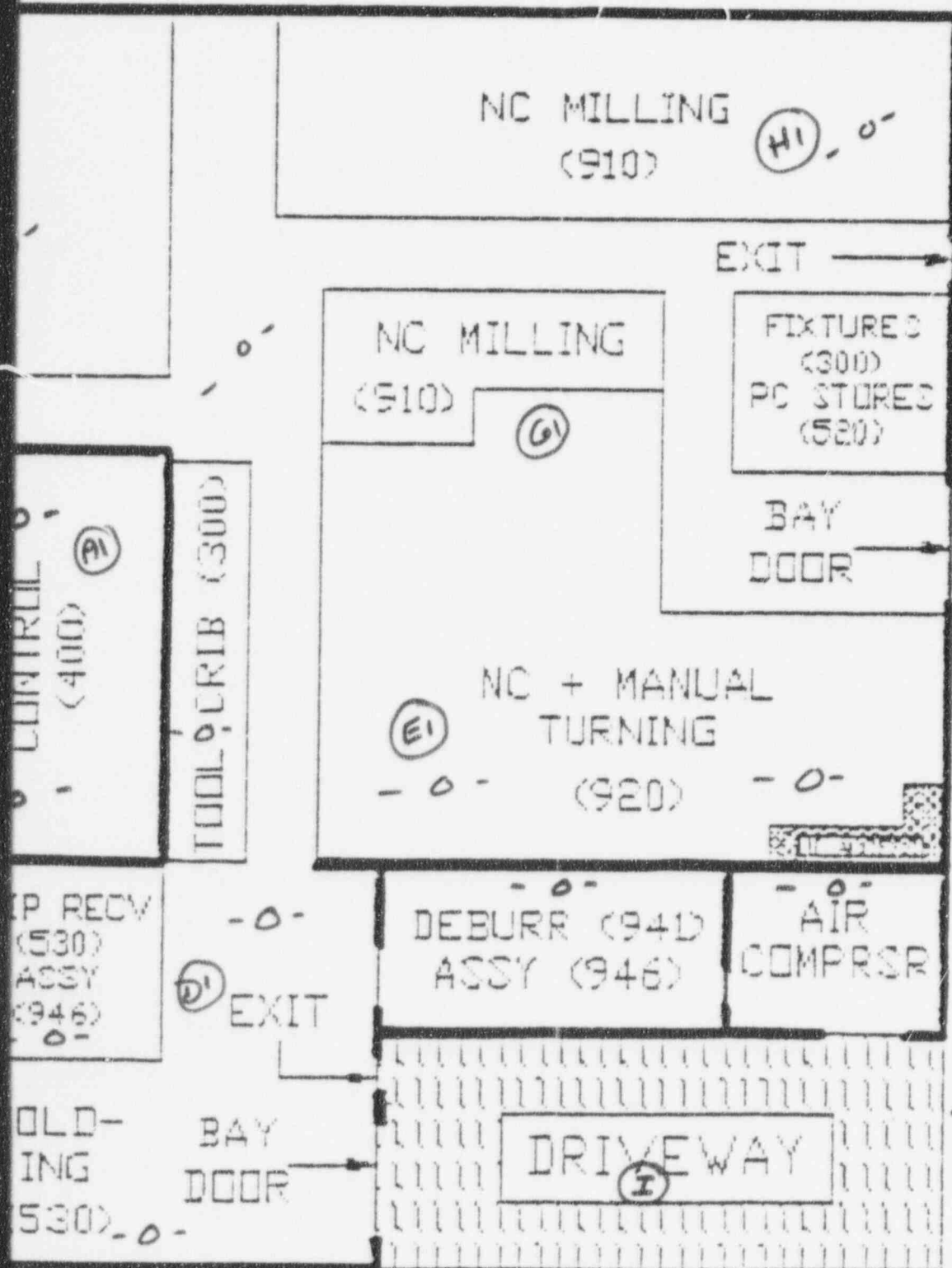
EXIT

EMPLOYEE ENTRANCE

PARKING

IA AVE

Scan Area Survey
Conducted 6/8/94
Bkg. 0 - 100 cpm
Model 2 w/ 44-9
probe SN 45021



ANSTEC
APERTURE
CARD

Also Available on
Aperture Card

9507250266-03

PHASE 4

OUTSIDE SCAN OF PERIMETER OF BUILDING & GROUNDS

- 1) Scanned building perimeter.
- 2) Scanned dock before and after fire debris transfer.
- 3) Scanned back lot.

RECAP: No significant readings found prior to transfer of drums.
Readings after transfer are attached.

THORIUM MONITOR SURVEY

DATE: 6-29-94 SURVEY INSTRUMENT/INSTRUMENTS USED: See B/P

COUNTS IN: CPM BKG: 100 CPM

*SEE ATTACHED LAYOUT FOR GENERAL AREAS CHECKED AND READINGS

*FOR SPECIFIC AREAS CHECKED WITH MULTIPLE READINGS USE A-D

DISTANCE FROM SOURCE	LOCATION A	LOCATION B	LOCATION C	LOCATION D
12 INCHES	0-	0-	0-	0-
24 INCHES	I	I	I	I
36 INCHES	I	I	I	I

*EXPLAIN ANY HIGH READINGS AND/OR ABNORMALITIES FOUND:

None

Before transfer of fire debris
Inside gated area.After transfer of fire debris
Inside gated Area

DISTANCE FROM SOURCE	LOCATION C1	LOCATION B1	LOCATION B2	LOCATION
12 INCHES	0-	0-	500-800	
24 INCHES	I	I	400-500	
36 INCHES	I	I	250	

*EXPLAIN ANY HIGH READINGS AND/OR ABNORMALITIES FOUND:

After transfer of fire debris -
readings are as indicated.

ASSISTANT RADIATION SAFETY OFFICER

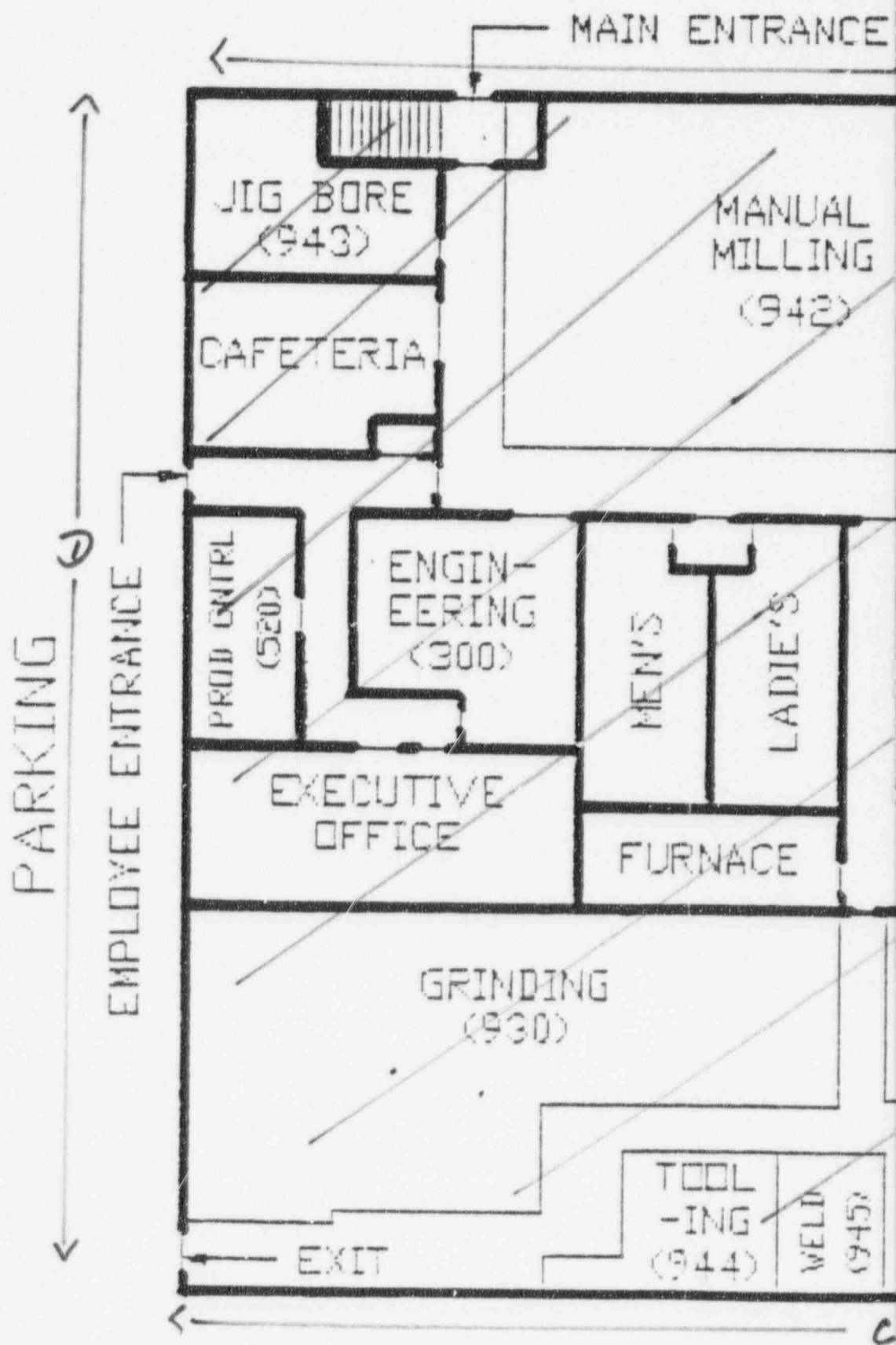
ARSO

David J. Cant

CERTIFIED RADIATION SAFETY OFFICER

CRSO

EP



NA AVE

Outside Perimeter Scan Survey

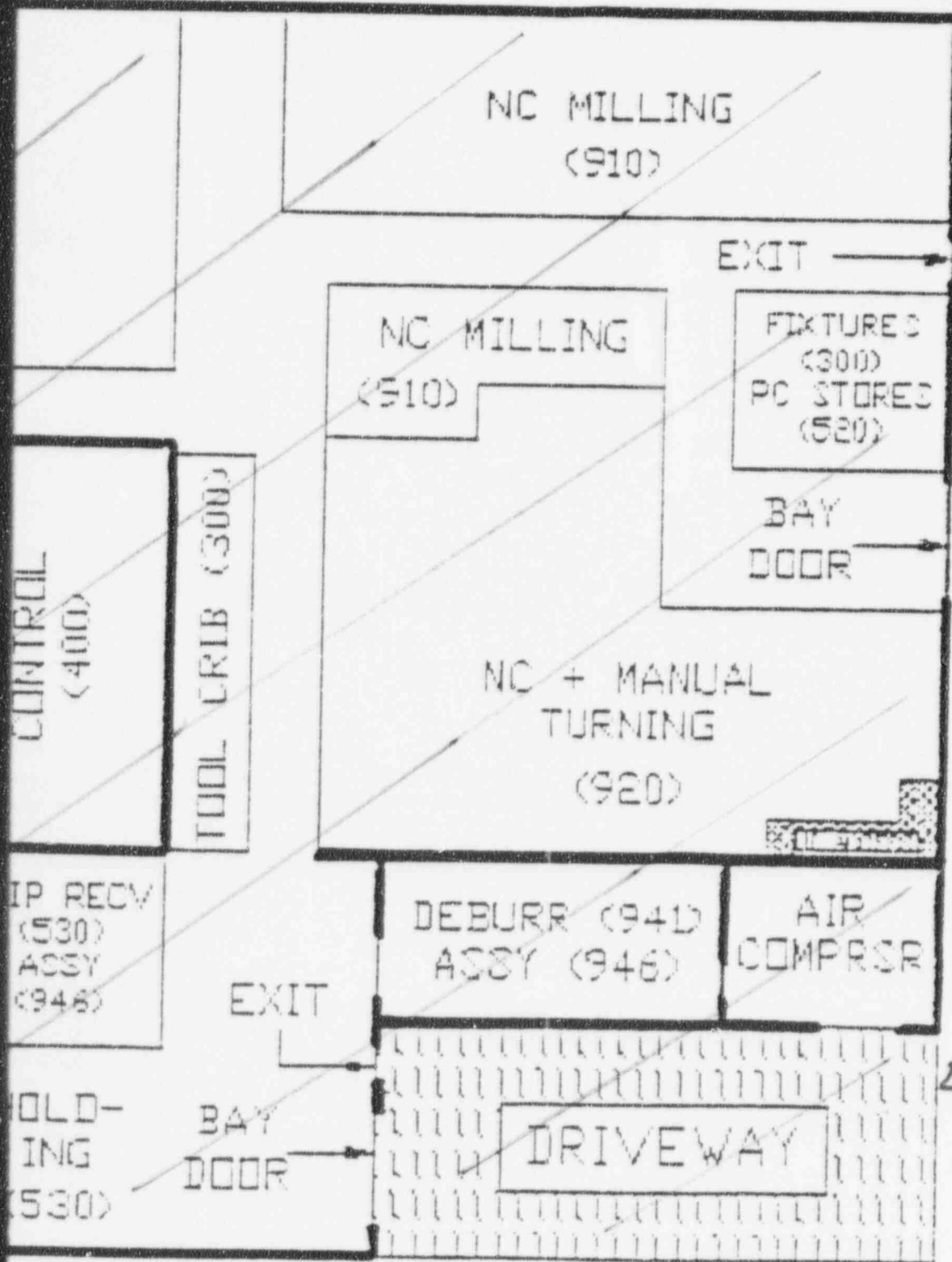
Conducted 6/28/94

BKg 100cm

Model 2 w/ 44/9

probe S/N 45021

A



**ANSTEC
APERTURE
CARD**

Also Available on
Aperture Card

B

B1
and
B2

C1 - Yard

9507250266-04

PHASE 5

TRANSFER OF FIRE DEBRIS

- 1) Transferred drums of fire debris to inside,gated,secure area.
- 2) Identified each barrel with CPM reading found.
- 3) Tarped and identified drums.

RECAP: Because no dump site is available for this debris, transfer from the outside yard to the gated, locked area was undertaken. All barrels are neatly stacked with protective tarps covering all. MSDS sheets are affixed to the skids noting the contents.

It is recommended this debris be stored under an interim license until disposal method becomes available.

Fire Debris

31 barrels of mixed debris. Primarily soil laced with MGTH oxidized powder and/or tiny chips. Many barrels appear visually to be clean and get a very slight reading that was bouncing around as I took readings. Varied from 150-250 CPM. I believe these may fall under SCL and should be disposed of thru normal channels. List below has those drums marked with an asterik *. Background was 0 to 100 CPM.

Barrel No.	Reading CPM
7000*	200+
7001*	200+
7002*	200+
7003*	200+
D *	250
7009*	250
7020	250-300
7022	300-400
7021	400+
7023	400+
7026	400+
7024	400+
7006	250-500
7005	250-500
7004	250-500
7007	250-500
70010*	0-150
70012*	0-150
D *	0-150
D *	0-150
7014	300-500
7012	300-500
7013	300-500
701	200-300
7018	200-300
ND#	200-300
7027*	100-200
7017*	100-200
ND ID #	400+
ND ID #	400+
ND ID #	400+

7005	Not Contaminated
7008	" "
ND#	" "
7011	" "

PHASE 6

EXIT SURVEY

- 1) Performed random wipes and scans prior to exiting facility.

RECAP: Approximately 50 wipes were taken by random sampling and tested. All were found to be under the SCL level. Additionally, scans of the facility were conducted prior to exit. All readings were normal.

WIPE TEST COUNTER CALIBRATION PROCEDURE

- 1) OBTAIN 90SR SOURCE, NES-267 AND PLACE INTO COUNTING TRAY (USE TWEEZERS TO HANDLE SOURCE)
- 2) SET MINUTES TO 1 (X1, A ONE MINUTE COUNT)
- 3) PUSH DRAWER IN. PUSH COUNTER BUTTON
- 4) COUNTS = 29353
- 5) PERFORM DECAY CORRECTION ON SOURCE:
 - a) TIME IN DAYS FROM 10/11/84 = 3538 DAYS
 - b) DIVIDE DAYS BY 365 = 9.67 YRS.
 - c) USE THE YEARS OBTAINED ABOVE (b) TO CALCULATE CURRENT ACTIVITY OF 90SR $\frac{-.693 \text{ (years)}}{29.12} = \underline{.0177} \text{ uCi}$
 - d) USE VALUE OF A IN COUNTS TO GET BETA dpm: $A = 0.0224 \text{ e}$
 $\text{BETA dpm} = \underline{A} \times 2 \times 37000 \times 60$
OR
 $\underline{A} \times 4.44 \times 10^6$
BETA dpm = 78588
- 6) COMPUTE BETA EFFICIENCY, E_B

$$E_B = \frac{\text{COUNTS FROM (4)}}{\text{BETA dpm}} = \frac{\underline{29353}}{\underline{78588}} = .373$$

DATE APR 6-27-94

SIGNATURE [Signature]

1) STANDARD CHECK: _____ COUNTS (90SR)

2) BACKGROUND: _____ COUNTS COUNT TIME _____ / MIN.

3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{Bkg.}}$ = 48

4) WIPE TEST RESULTS (1 MIN. COUNT)

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
36	Milking/Ceiling ⁸³⁴⁵³⁰	24	70				
37	"	34	"				
38	"	35	"				
39	"	28	"				
40	"	33	"				
1	Miscellaneous	26	70				
2	"	28	"				
3	"	24	"				
4	"	33	"				
5	"	26	"				
6	"	41	"				
7	"	35	"				
8	"	19	"				
9	"	25	"				
10	"	33	"				
11	"	41	"				
12	"	35	"				
13	"	31	"				
14	"	19	"				

DATE 6/30/74

SIGNATURE

C. Anderson

- 1) STANDARD CHECK: _____ COUNTS (90SR)
- 2) BACKGROUND: _____ COUNTS COUNT TIME _____ MIN.
- 3) SIGNIFICANT COUNT LEVEL: BKG. + 2 $\sqrt{\text{Bkg.}}$ = 48
- 4) WIPE TEST RESULTS (1 MIN. COUNT)

WIPE#	DESCRIPTION	CTS.	SIG?	NET CPM	NET DPM	DPM CM2	REMARKS
15	Miscellaneous	24	No				
16	"	30	"				
17	"	37	"				
18	"	25	"				
19	"	32	"				
20	"	30	"				
21	"	30	"				
22	"	26	"				
23	"	30	"				
24	"	32	"				
25	"	37	"				
26	"	35	"				
27	"	28	"				
28	"	31	"				
29	"	28	"				
30	"	43	"				
31	"	31	"				
32	"	25	"				
33	"	32	"				

DATE 6/30/77

SIGNATURE E. Anderson

4) WIPE TEST RESULTS (1 MIN. COUNT)

SIGNATURE

THORIUM MONITOR SURVEY

DATE: 6-29-94 SURVEY INSTRUMENT/INSTRUMENTS USED: See ELP

COUNTS IN: CAN

BKG: 100

USE ATTACHED LAYOUT FOR GENERAL AREAS CHECKED AND READINGS

FOR SPECIFIC AREAS CHECKED WITH MULTIPLE READINGS USE A-D

DISTANCE FROM SOURCE	A	B	C	D
12 INCHES	0	0	0	0
24 INCHES	I	I	I	I
36 INCHES	I	I	I	I

EXPLAIN ANY HIGH READINGS AND/OR ABNORMALITIES FOUND:

None

DISTANCE FROM SOURCE	LOCATION	LOCATION	LOCATION	LOCATION
12 INCHES	B			
24 INCHES				
36 INCHES				

EXPLAIN ANY HIGH READINGS AND/OR ABNORMALITIES FOUND:

Same as in Phase 4

ASSISTANT RADIATION SAFETY OFFICER

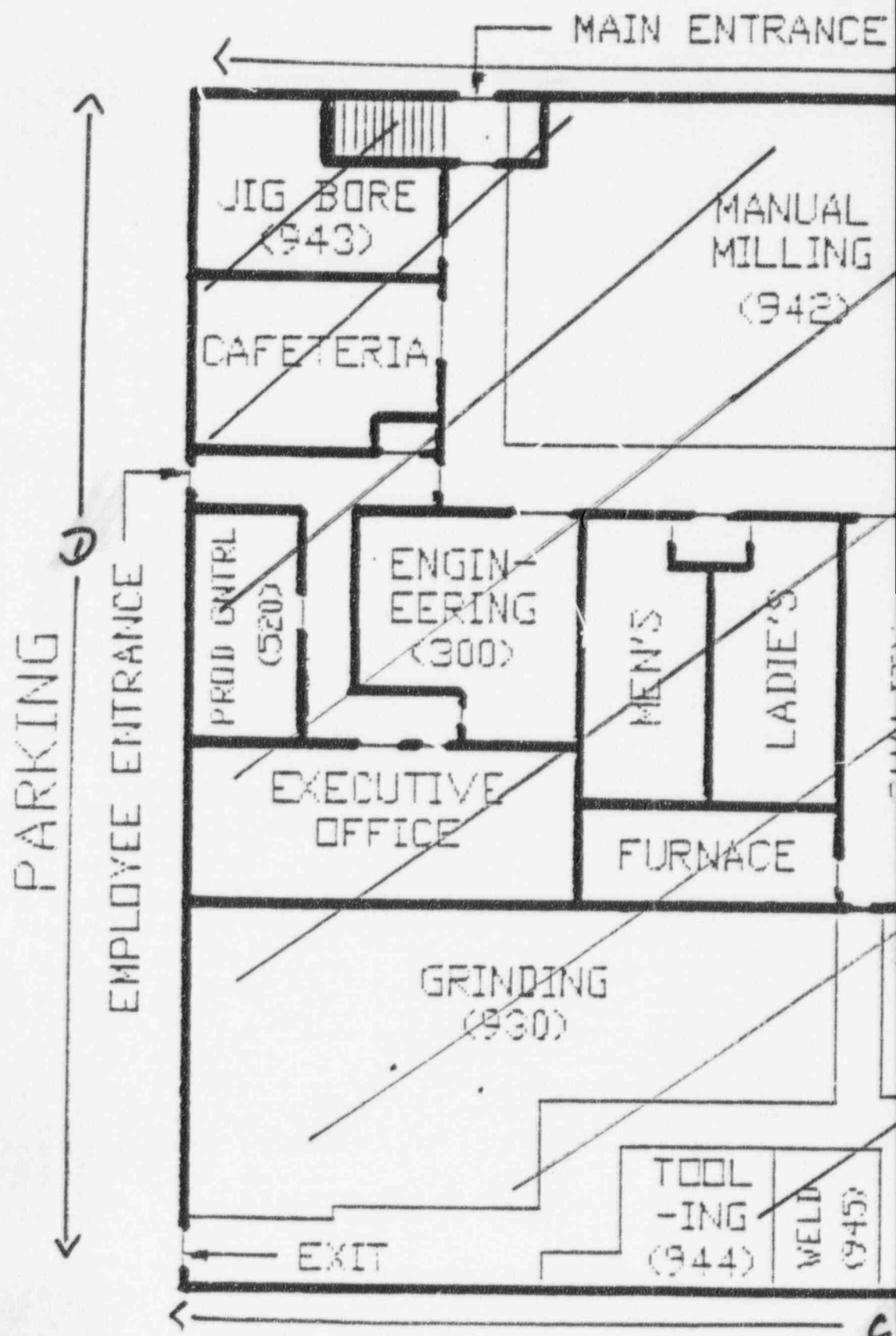
ARSO

Janice Carr

CERTIFIED RADIATION SAFETY OFFICER

CRSO

EP



Exit

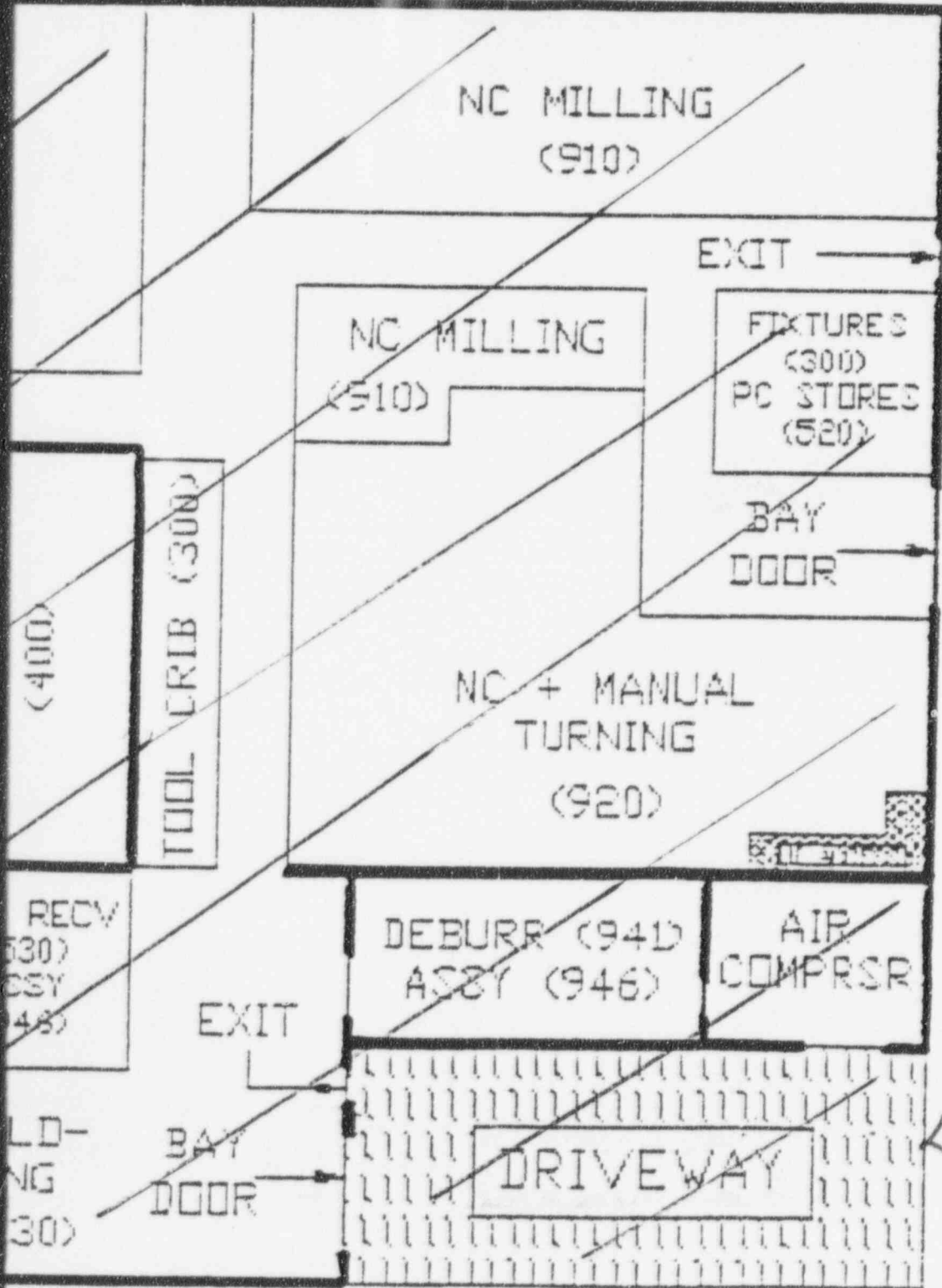
Outside Perimeter S. & Survey
Conducted 6/28/94

Bkg 100cm

Model 2 w/ 44/9

probe S/N 45021

A AVE



ANSTEC
APERTURE
CARD

Also Available on
Aperture Card

Cl- Yard

9507250266-05

CONCLUSION AND RECOMMENDATIONS

The clean up and testing activities as outlined in this report were conducted in conjunction with the guidelines for decontamination of facilities and equipment as set forth by the Nuclear Regulatory Commission.

The intent of this effort was to safely remove and make every effort to eliminate any residual contamination that might exist at 83 Erna Ave., Milford,CT.

As evidenced by the results reflected in this report, success was achieved with the exception of the removal of mixed fire debris contained in 55 gallon steel drums. This debris has been stored here for some time. In researching the removal issue it was determined that there are no viable dump sites for this waste, an occurrence that is becoming progressively common within the state of Connecticut with regard to LLRW. At the end of this conclusion statement there will be more on the debris issue.

The success of the actual decontamination of the plant was achieved in large part because of the following factors:

- 1) The use of magnesium thorium in machined parts had been suspended in 1991 by Textron Lycoming for all of their main 502/507 engine parts. MGTH was replaced by a silver impregnated magnesium commonly called QE-22 and an AZ91A/C regular magnesium. Textron was our main customer at that time.

During 1992,1993,and 1994 a small quantity of MGTH parts were worked on. These primarily were rework parts that did not require machining but paint or assembly related repairs. For all intent and purpose, all MGTH machining stopped in late 1991. The issue of storage remained however as Textron was required to take all turnings, scrap castings etc. and was experiencing technical difficulty in cleaning the turnings. This created a period of time from 1992 thru early 1994 when we were not allowed to return turnings, scrap parts, etc. The attached graph reflects the MGTTH activity for 1991 thru 1994. The indicated upswings on the line graphs are those periods when we were transferring MGTH parts and/or turnings from our North Adams facility to the Connecticut plant for eventual return to Textron.

Through the ordinary course of everyday operations, this plant was de-contaminated prior to its' eventual closure in May of this year.

- 2) Removal of all magnesium thorium turnings, parts etc. was accomplished in March of 1994. ALL MGTH was removed from the facility and returned to Textron. Documents are on file confirming that action.

The task of decontaminating this facility was actually one of verification as no signs of contamination exist within the building, grounds etc. (except the stored debris).

In reviewing the fire debris, I found that of the approximate 34 barrels stored here, twelve (12) may fall into the unimportant quantities category. However, I would like to review the results of my report with your representatives prior to making a determination and perhaps seek advice from a consultant.

The fire debris is of no immediate danger to the public at large. Unlike toxic liquids, there is no leakage problem or contamination problem relative to ground water etc. The drums are being stored in a fenced, locked and barbed wire storage area that is not accessible to the public. There is however the problem of licensing. It is my recommendation that the property owner of 83 Erna Ave. request an interim license for 'storage only' of the fire debris drums until such time as an adequate dump site be located.

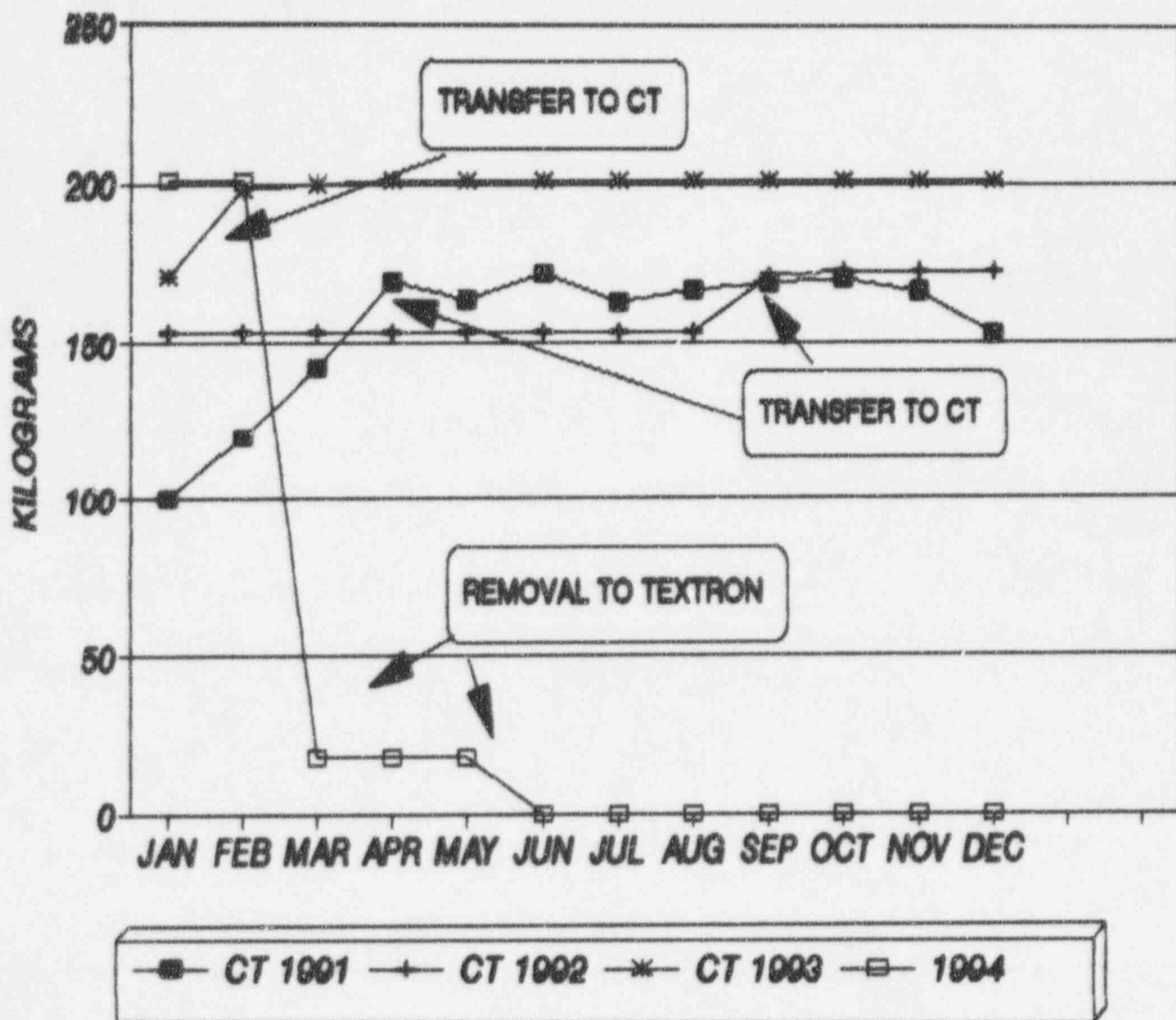
The issue of who 'owns' the debris may come into play as the fire occurred under a previous owner who also happens to own the building presently. To complicate the issue further, it is my understanding that the property (83 Erna Ave.) is under foreclosure at this time. Keeping this in mind and being somewhat 'caught in the middle' I have contacted the current owner of the property and have informed him of the debris storage issue. I have also suggested that he contact (at some point in the future) a consultant to discuss license options etc.

Additionally, there is another party who has expressed an interest in buying the property from the bank. I have also informed him of the debris storage issue. He has indicated to me that he would entertain such storage and has specific storage ideas in mind that I can elaborate on when I meet with your representative.

Under the circumstances (no dump site available) I believe an interim storage license would be the prudent thing to do. If the regulations allowed, I would consider administering the license on behalf of the property owner given your office was in agreement.

Based on the testing performed and surveys undertaken, with the exception of the fire debris, it is the opinion of this radiation safety officer that no unusual remediation is necessary. All possible form of contamination ie. turnings, parts etc. have been removed. The residual dust or grim in the facility is not contaminated. Therefore, I do not foresee any unusual or unreasonable risk to the health and safety of the public and consider the manufacturing, office and related work areas free of radioactive contaminants.

CONNECTICUT THORIUM INVENTORY 1991 THRU 1994



CONVERSATION RECORD

TIME

DATE

pm.

6/1/84

TYPE

☐ VISIT

☐ CONFERENCE

☒ TELEPHONE

☒ INCOMING

☐ OUTGOING

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

Helide Caine, V.P.

ORGANIZATION (Office, dept., bureau, etc.)

Butkin H Precision Manuf.

TELEPHONE NO.

203-

2416

SUBJECT

Financial Assurance for Decommissioning

ROUTING

NAME/SYMBOL

INT

SUMMARY

Ms. Caine called Mr. Bellamy and stated to him that they (the Company) is in Chapter 11. However, they are in the process of decommissioning the facility. She stated that they are taking wipes and cleaning up the facility.

ACTION REQUIRED

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

ACTION TAKEN

SIGNATURE

TITLE

DATE

50271-101

U.S. G.P.O. 1983-044-525/1-34

CONVERSATION RECORD

ML 10

OPTIONAL FORM 271 (12-76)
DEPARTMENT OF DEFENSE

Butkin Precision Mfg. Corp.

83 ERNA AVE. MILFORD, CT 06460

(203) 878-2416

FAX (203) 877-4485

RECEIVED-REGION I

MAY 31 P1:25

May 24, 1994

United States Nuclear Regulatory Commission
Region I
475 Allendale Road
King Of Prussia, PA 19406-1415

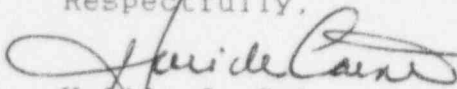
Attention: Mr. Ralph Bellamy, Chief
Nuclear Materials Safety Branch
Division Of Radiation Safety and Safeguards

Dear Mr. Bellamy,

Please be advised that effective immediately, Butkin Precision Manufacturing Corporation has ceased operations. Decommissioning has begun. I anticipate completion of all work on/or about June 30, 1994 at which time I will forward a written report for your review.

Because of the closure, should you wish to speak to me, please leave your name and telephone number on the business answering machine and I will make a point of returning your call promptly.

Respectfully,



Harold J. Caine
Certified Radiation Safety Officer

OFFICIAL RECORD COPY

ML 10

MAY 31 REC'D

CONVERSATION RECORD

TIME

10:10 AM

DATE

5/20/94

TYPE

☐ VISIT

☐ CONFERENCE

☒ TELEPHONE

☐ INCOMING

☒ OUTGOING

ROUTING

NAME/SYMBOL INT

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

Halide Caine, VP

ORGANIZATION (Office, dept., bureau, etc.)

Butkin Precision

TELEPHONE NO.

203-878-

2416

SUBJECT

Financial Assurance for Decommissioning for 20's 937-2265

License No: STB-1505 Docket No: 040-18936

SUMMARY

I left a message for Ms. Caine that I need to speak to her in the next couple of days regarding this matter, and that it was very important.

ACTION REQUIRED

Call back

NAME OF PERSON DOCUMENTING CONVERSATION

DIMITRIADIS

SIGNATURE

[Signature]

DATE

5/20/94

ACTION TAKEN

SIGNATURE

TITLE

DATE

50271-101

OFFICIAL RECORD COPY

U.S. G.P.O. 1983-381-526/8346

CONVERSATION RECORD

ML 10

OPTIONAL FORM 271 (12-76)
DEPARTMENT OF DEFENSE

Butkin Precision Mfg. Corp.

83 ERNA AVE. MILFORD, CT 06460
(203) 878-2416
FAX (203) 877-4485

STB-1505
040-88936
MSK
K-8

April 5, 1994

United States Nuclear Regulatory Commission
Region 1
475 Allendale Road
King Of Prussia, PA 19406-1415

Attention: Mr. Ronald Bellamy, Chief
Nuclear Materials Safety Branch
Division Of Radiation Safety and Safeguards

Subject: Demand For Information Letter Dated March 10, 1994

Dear Mr. Bellamy,

This letter is in response to the subject demand letter as it pertains to the decommissioning funding plan originally submitted to your office on March 6, 1992 and Mr. Kinneman's inquiry dated July 14, 1993.

In Mr. Kinneman's letter he indicated that the cost we had outlined appeared to be significantly underestimated. I have reviewed the costs submitted and our previous activity in the decommissioning of 67 Erna Ave. and 6 Roberts Drive (previously covered by our license) and have changed some of the work sheets as indicated on the attachment. However, with the exception of the addition of 'fire debris' that was previously omitted on the original submission, some estimates have been reduced based on our past experience.

Several important factors were considered when preparing the DCFP:

- 1) We perform all decon, clean up, testing etc. using our own trained personnel rather than sub contracting from outside firms. This holds the costs down significantly.
- 2) Our DCFP does not include costs that ordinarily would be significant for removal of thoriated chips, scrap parts etc. as such removal (and the costs associated) is the responsibility of Textron Lycoming.

OFFICIAL RECORD COPY

10

113463
APR 11 1994

- 3) The use of magnesium thorium in our manufacturing process has diminished greatly over the past 36 months therefore reducing the level of cleanup that would be required of a facility still using the material.
- 4) All MGTH chips have been removed by Textron and the associated storage area cleaned.
- 5) No holding tanks or lagoons were used under this license.

An aggressive engineering effort by Textron Lycoming has all but ended the use of thoriated parts. As a result we do not anticipate the need to hold an NRC license in the future. It is our intent to perform the remaining decommissioning this building requires along the same lines used in our other two successful efforts. A large portion of this decon has been completed just through ordinary operations and is so noted on the attachment. However, because we are presently short staffed, we estimate the remaining decommissioning efforts will take approximately 90 days to complete.

With regard to special funding, previous decontamination projects have been easily handled through normal operating funds and we anticipate the same for this final phase.

Should you have any questions or comments regarding this matter please do not hesitate to contact me at 203-878-2416.

Respectfully,



Halide J. Caine
V.P. Planning/CRSD

HJC/ms
cc:VW/50044-1
FILE

ATTACHMENT 'A'

REVISION TO COST ESTIMATING TABLE SUBMITTED 8/26/92

1) PLANNING AND PREPARATION

TABLE 1

TASK#	STATUS	DOLLARS	COMPLETE %	COMMENTS
1	UNCHANGED	\$144	50%	
2	UNCHANGED	\$0		
3	UNCHANGED	\$0	100%	COMPLETED
4	UNCHANGED	\$0		ON SITE
5	CHANGE	\$0		ALL PERSONNEL TO BE USED ARE TRAINED
6	CHANGE	\$800	0%	BASED ON PREVIOUS DECONS, WILL REQUIRE
7	UNCHANGED	\$0		ONLY ONE CONSULTANT

TOTAL FOR #1

\$944

2) DECON/DISMANTLE OF RADIOACTIVE FACILITY COMPONENTS

TABLE 3

TASK#	STATUS	DOLLARS	% COMPLETE	COMMENTS
1	CHANGE	\$120	20%	REDUCE HOURLY PAY FROM \$8.50 TO \$7.50
2	CHANGE	\$60	0%	REDUCE HOURLY PAY FROM \$8.50 TO \$7.50
3	CHANGE	\$0	100%	COMPLETED MARCH 29, 1994
4	CHANGE	\$60	0%	REDUCE HOURLY PAY FROM \$8.50 TO \$7.50
5	DELETED	\$0		SEE TABLE 7
6	UNCHANGED	\$280	0%	
7	CHANGE	\$0	0%	INCLUDED IN #1, TASK 6

TOTAL FOR #2

\$520

3) PACK, SHIP AND DISPOSE OF RADIOACTIVE WASTE

TABLE 5 AND 6

STATUS	DOLLARS COMPLETE		COMMENTS
CHANGED	\$120	90%	BALANCE OF MATL TO RETURN TO TEXTRON ARE SOLID PARTS NOT WASTE AND WILL REQUIRE APPROX. 8 HOURS TO PACK AND SHIP BALANCE OF DISPOSAL OF THESE TWO TABLES WAS PERFORMED ON 3/29/94

TABLE 7

TASK#	STATUS	DOLLARS COMPLETE		COMMENTS
	ADDED	\$180	10%	RETEST/REPACK 7 DRUMS OF FIRE DEBRIS APPROX. REMOVAL COST AT \$1200/DRUM MAINLY CONSISTING OF DIRT
	ADDED	\$8,400	0%	
				*APPROX. 18 DRUMS NOW THAT CAN BE REDUCED TO 7

TOTAL FOR #3

\$8,700

GRAND TOTAL

\$10,164

MAR 10 1994

License No. STB-1505
Docket No. 040-08936
Control No. 113463

Butkin Precision Manufacturing Corporation
ATTN: Halide J. Caine
Vice President/Planning
83 Erna Avenue
Milford, Connecticut 06460

Dear Ms. Caine:

SUBJECT: FINANCIAL ASSURANCE, DEMAND FOR INFORMATION

Our records show that as of July 27, 1990, you were required to comply with 10 CFR 30.35. 10 CFR 30.35 requires that licensees, authorized to possess amounts of licensed material listed in the above referenced license, submit a decommissioning funding plan or a certificate of financial assurance for decommissioning. The NRC received your initial response to this requirement. However, you have failed to respond to the deficiency letter dated July 14, 1993 within the required time period. You, therefore, appear to be in violation of this requirement.

The Commission considers noncompliance with 10 CFR 30.35 to be a significant regulatory concern because of the importance of assuring that licensees, and not the public, pay for decommissioning of licensed facilities. To determine whether your license should be modified, suspended or revoked, or whether other enforcement action is appropriate, you are required to respond in writing, and under oath or affirmation, and within 30 days of the date of this letter with the information described in the enclosed Demand for Information.

Your response should be addressed to Region I at the above address and should be clearly marked, "Response to Demand for Information."

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

OFFICIAL RECORD COPY

RETURN ORIGINAL TO
REGION I

7403310079 740310
PDR ADOCK 04008936
C PDR

110
1E:07

UNITED STATES
NUCLEAR REGULATORY COMMISSION

In the matter of
Butkin Precision
Manufacturing Corporation

) Docket No. 040-08936
) License No. STB-1505

DEMAND FOR INFORMATION

I

Butkin Precision Manufacturing Corporation, (The Licensee) holds NRC License No. STB-1505 (the License), issued by the Nuclear Regulatory Commission (the NRC or Commission) pursuant to 10 CFR 30, 40 or 70. The license authorizes the licensee to use and possess byproduct material in accordance with the terms and conditions specified therein and the applicable NRC regulations.

II

As of July 27, 1990, the Licensee was required to comply with 10 CFR 30.35 of the Commission's regulations, which requires licensees authorized to possess certain quantities of licensed material to submit either a decommissioning funding plan or a certification of financial assurance for decommissioning in the amount prescribed in 10 CFR 30.35, in accordance with the criteria set forth in that section. The License authorizes such quantities and the NRC staff has not yet received the Licensee's complete response to this requirement. Therefore, the Licensee appears to be in violation of this requirement.

The violation of the requirements of 10 CFR 30.35 is a significant regulatory concern to the NRC staff. Therefore, further information is needed to determine whether the Commission can have reasonable assurance that the Licensee will satisfy the requirements of 10 CFR 30.35 and otherwise conduct its activities in accordance with the Commission's requirements.

III

Accordingly, pursuant to sections 161c, 161o, 182, and 186 of the Atomic Energy Act of 1954, as amended, and 10 CFR 30.32(b), in order for the Commission to determine whether the license should be modified, suspended, or revoked or other enforcement action taken to ensure compliance with NRC regulatory requirements, the Licensee is required to submit to the Administrator, Region I, 475 Allendale Road, King of Prussia, Pennsylvania 19406, within 30 days of the date of this Demand for Information, the information requested in the letter dated July 14, 1993 (copy attached), in writing and under oath or affirmation.

OFFICIAL RECORD COPY

RETURN ORIGINAL TO IE:07
REGION I

9403310084 940310
PDR ADOCK 04008936
C PDR

JUL 14 1993

License No. STB-1505
Docket No. 040-08936
Control No. 113463

Butkin Precision Manufacturing Corporation
ATTN: Halide J. Caine
Vice President/Planning
83 Erna Avenue
Milford, Connecticut 06460

Dear Ms. Caine:

We have reviewed your response dated August 26, 1992 to our letter dated May 25, 1992, and have additional questions regarding the Decommissioning Funding Plan that you submitted.

1. Based on our experience with decommissioning projects, it appears that you are significantly underestimating the cost of decommissioning your facility. The enclosed NUREG/CR-1754 provides information on reference facilities which may help you in developing a more realistic cost estimate. If you believe your estimate is realistic, please provide a brief narrative description of the amount of contamination in your facility, how it will be removed and how you estimated the time and cost required.
2. You must provide financial assurance for the amount of the cost estimate using one of the mechanisms described in 10 CFR 40.36. While you submitted a certification of financial assurance, you have not submitted the mechanism. Please submit the mechanism. Guidance on acceptable forms for the mechanism is contained in Regulatory Guide 3.66 which has been sent to you previously.

We would appreciate your response within 30 days from the date of this letter. Please refer to Control Number 113463 in your response. If you have questions concerning this matter please contact Anthony Dimitriadis at (215) 337-6953.

Sincerely,

Original Signed By:
John D. Kinneman

John D. Kinneman, Chief
Research, Development and
Decommissioning Section
Division of Radiation Safety
and Safeguards

Enclosure:
NUREG/CR-1754

9403310086 940310
PDR ADOCK 04008936
PDR

CONVERSATION RECORD

TIME

11:01 AM

DATE

12/7/93

TYPE

☐ VISIT

☐ CONFERENCE

☒ TELEPHONE

☐ INCOMING

☒ OUTGOING

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

Halide J. Coine, VP/Planning

ORGANIZATION (Office, dept., bureau, etc.)

Butkin Precision

TELEPHONE NO.

203-878-2416

SUBJECT

Financial Assurance for Decommissioning

ROUTING

NAME/SYMBOL

INT

SUMMARY

I told her that we are still waiting for a response to our letter dated 7/14/93.

She said that she would look at it and try to send a response by the end of the month.

She said she would hopefully look at it tomorrow. (12/8/93)

ACTION REQUIRED

Financial Assurance Response.

NAME OF PERSON DOCUMENTING CONVERSATION

Dimitriadis

SIGNATURE

[Signature]

DATE

12/7/93.

ACTION TAKEN

SIGNATURE

TITLE

DATE

JUL 14 1993

License No. STB-1505
Docket No. 040-08936
Control No. 113463

Butkin Precision Manufacturing Corporation
ATTN: Halide J. Caine
Vice President/Planning
83 Erna Avenue
Milford, Connecticut 06460

Dear Ms. Caine:

We have reviewed your response dated August 26, 1992 to our letter dated May 25, 1992, and have additional questions regarding the Decommissioning Funding Plan that you submitted.

1. Based on our experience with decommissioning projects, it appears that you are significantly underestimating the cost of decommissioning your facility. The enclosed NUREG/CR-1754 provides information on reference facilities which may help you in developing a more realistic cost estimate. If you believe your estimate is realistic, please provide a brief narrative description of the amount of contamination in your facility, how it will be removed and how you estimated the time and cost required.
2. You must provide financial assurance for the amount of the cost estimate using one of the mechanisms described in 10 CFR 40.36. While you submitted a certification of financial assurance, you have not submitted the mechanism. Please submit the mechanism. Guidance on acceptable forms for the mechanism is contained in Regulatory Guide 3.66 which has been sent to you previously.

We would appreciate your response within 30 days from the date of this letter. Please refer to Control Number 113463 in your response. If you have questions concerning this matter please contact Anthony Dimitriadis at (215) 337-6953.

Sincerely,

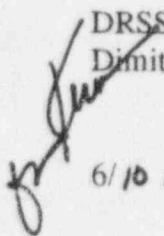
Original Signed By:
John D. Kinneman

John D. Kinneman, Chief
Research, Development and
Decommissioning Section
Division of Radiation Safety
and Safeguards

Enclosure:
NUREG/CR-1754


Butkin Precision Manufacturing
Corporation

-2-

 DRSS:RI

Dimitriadis/smh/mlb

6/10/93

 DRSS:RI

Kinneman

6/10/93

Butkin Precision Mfg. Corp.

83 ERNA AVE. MILFORD, CT 06460
(203) 878-2416
FAX (203) 877-4485

MS 16

Q6

040-08936

August 26, 1992

Nuclear Regulatory Commission
ATTN: Mr. Francis M. Costello, Chief
Region 1
475 Allendale Road
King Of Prussia, PA 19406-1415

Subject: Letter Dated May 25, 1992

Reference: (a) Docket No. 040-08936
License No. STE-1505
Control No. 113463

Dear Mr. Costello,

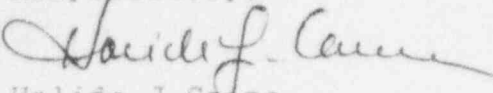
Please find attached a detailed cost estimate of our DFP per your recent request. I have used the cost estimating table as provided in the regulatory guide No. 3.66.

An executed original for the financial instrument identified in your letter is forthcoming. Our attorney is presently on vacation and upon his return I will meet with him on this matter.

As we are extremely short staffed, I have been tardy in replying to your correspondence and apologize for any inconvenience this may have caused.

Should you have any questions relating to the attached information, please do not hesitate to contact me at 203-878-2416.

Respectfully,


Halide J. Caine
Vice President/Planning
CRSO

HJC/ms
cc: VW/NRC8272
FILE/NRC
CENTRAL

OFFICIAL RECORD COPY ML 10

113463

AUG 31 1992

APPENDIX F
COST ESTIMATING TABLES

1. Planning and Preparation

Table 1

<u>Task</u>	<u>Supervisor</u>	<u>Work Days</u> <u>Foreman</u> <u>H.P.</u> <u>Clerical</u>	<u>Total</u>	<u>Total Cost</u>
		<i>Techn. Laborer</i>		
1. Preparation of Documentation for Regulatory Agencies	<u>1</u>	<u>0</u> <u>0</u> <u>0</u>	<u>1</u>	<u>\$ 144 -</u>
2. Submittal of Decommissioning Plan to NRC when required by 10 CFR 30.36(c)(2), 40.42(c)(2), or 70.38(c)(2)*	<u>0</u>	<u>0</u> <u>0</u> <u>0</u>	<u>1</u>	<u>0</u>
	<i>All inclusive of step 1</i>			
3. Development of Work Plans	<u>1</u>	<u>0</u> <u>0</u> <u>0</u>	<u>1</u>	<u>\$ 144 -</u>
4. Procuring of Special Equipment	<u>0</u>	<u>0</u> <u>0</u> <u>0</u>	<u>0</u>	<u>0</u>
	<i>On Site</i>			
5. Staff Training	<u>1</u>	<u>0</u> <u>1</u> <u>1</u>	<u>3</u>	<u>\$ 264 -</u>
6. Characterization of Radiological Condition of the Facility (Including soil and tailings analysis or ground-water analysis, if applicable)	<u>2</u>	<u>0</u> <u>0</u> <u>0</u>	<u>2</u>	<u>\$ 3200 -</u>
	<i>Consultants. Includes some post-cleanup activity</i>			
7. Other	<u>0</u>	<u>0</u> <u>0</u> <u>0</u>	<u>0</u>	<u>0</u>
8. Total	<u>0</u>	<u>0</u> <u>0</u> <u>0</u>	<u>0</u>	<u>\$ 3752 -</u>

* For assistance in preparation of cost estimate for 10 CFR Part 72, consult NRC Office of Nuclear Material Safety and Safeguards.

Total Page 1

\$ 3752

APPENDIX F (Continued)
COST ESTIMATING TABLES

Table 2

Position	Unit Cost for Workers		Worker Cost/year
	Basic Salaries (\$/yr)	Overhead Rate (%)	
Supervisor	\$ 40,000		\$ 40,000
Foreman			
Craftsman			
Technician	\$ 16,000		\$ 16,000
Health Physicist			
Laborer	\$ 8,000		\$ 8,000
Clerical			
Other			

2. Decontamination and/or Dismantling of Radioactive Facility Components*

No.	Dimensions		No.	Dimensions
Glove Boxes	(m ³)	Amount of Floor Space	1500	500 m ²
Fume Hood	(m ³)	Ventilation Ductwork	1000	50 m
Hot Cells	(m ³)	Amount of Wall Space	1500	50 m ²
Lab Benches	(m)	Other		
Sink and Drain	(m)			

All inclusive

Table 3

Work Days

Task	Super- visor	Fore- man	Tech- nicians	H.P.	Crafts- men	La- borer	Total	Total Cost
1. Decon/Dis- mantle Major Components and/or Proc- essing and Storage Tanks			2					\$ 136
2. Decon/Dis- mantle Laboratories, Fume Hoods, Glove Boxes, Benches, etc.			1					\$ 68

*Indicate whether component is to be decontaminated to unrestricted release levels or packaged and disposed of at a low-level waste site.

APPENDIX F (Continued)
COST ESTIMATING TABLES

Table 3 (continued)

Task	Work Days						Total Cost
	Super- visor	Fore- man	Tech- nicians	H.P.	Crafts- men	La- borer	
3. Decon/Dis- mantle Waste Areas			2			15	\$916-
- Radwaste Areas							
- Scrap Recovery Areas							
- Other							
4. Decon/Dis- mantle Service Facilities			1				68-
- Maintenance Shop							
- Decontamination Areas							
- Ventilation Systems							
- Other							
5. Decon/Dis- mantle Waste Treatment Facilities and Storage Areas on the Site (Including exhumed and package contaminated soil and tail- ings, if any)			1				68-
- Fluoride Lagoons							
- Nitrate Lagoons							
- CaF2 Waste Recovery							
- Ground Water Restoration							
- Other							

Total Page 3

Table 3 (continued)

<u>Task</u>	<u>Super- visor</u>	<u>Fore- man</u>	<u>Tech- nicians</u>	<u>H.P.</u>	<u>Crafts- men</u>	<u>Laborer</u>	<u>Total</u>	<u>Total Cost</u>
6. Monitor for compliance, reclean and remonitor, if necessary	<u>1</u>		<u>2</u>					\$280 -
7. Other (e.g., contractor fees)	<u>< 1/2</u>	<u>- Consultant</u>						\$550 -

[illegible]

Table 5

Waste Type	Volume (m ³)	No. of Containers	Type of Containers	Unit Cost of Container	Cost of Container
		20	5 gal	15.00	
			Drums		
			- Dot -		
Total					\$ 300 = Total

Table 6

Waste Type	No. of Shipments	Unit Cost for Shipping	Distance Shipped	Surcharge	Transportation Cost
	5	25.00	102 miles		
			no. shipments		
Total	5	125.00			

Total = 137.50

(5 shipments x 27.50 ea)

**APPENDIX F (Continued)
COST ESTIMATING TABLES**

Table 7

Burial Charges _____ (\$/m³)
 Surcharges _____ (\$/m³)
 Per container _____ (\$/m³)
 Disposal _____ (\$/m³)

<u>Waste Type</u>	<u>Burial Volume</u>	<u>Unit Cost of Burial</u>	<u>Surcharge</u>	<u>Burial Cost</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Total	_____	_____	_____	_____

4. Restoration of Contaminated Areas on Facility Ground

Table 8

<u>Task</u>	<u>Supervisor</u>	<u>Work Days</u>			<u>Total</u>	<u>Total Cost</u>
		<u>Foreman</u>	<u>H.P.</u>	<u>Clerical</u>		
Backfill and Restore Site	_____	1	1	_____	_____	\$120 -
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

5. Final Radiation Survey

Table 9

<u>Task</u>	<u>Supervisor</u>	<u>Work Days</u>			<u>Total</u>	<u>Total Cost</u>
		<u>Foreman</u>	<u>H.P.</u>	<u>Clerical</u>		
_____	3	_____	_____	_____	_____	\$432 -
_____	_____	_____	_____	_____	_____	_____
Total	_____	_____	_____	_____	_____	_____

Total Page 5.
 P 552

APPENDIX F (Continued)
COST ESTIMATING TABLES

6. Site Stabilization, Long-Term Surveillance (if applicable)

Table 10

<u>Task</u>	<u>Supervisor</u>	<u>Work Days</u>			<u>Total</u>	<u>Total Cost</u>
		<u>Foreman</u>	<u>H.P.</u>	<u>Clerical</u>		
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

NRC FORM 218
(4-78)
NRCM 0240

U.S. NUCLEAR REGULATORY COMMISSION

DATE

8/25/92

TIME

☒ A.M.
☐ P.M.

TELEPHONE OR VERBAL CONVERSATION RECORD

☒ INCOMING CALL

☐ OUTGOING CALL

☐ VISIT

PERSON CALLING

Heidi Gaine

OFFICE/ADDRESS

Bethin

PHONE NUMBER

EXTENSION

PERSON CALLED

Jim Bondurk

OFFICE/ADDRESS

KOK

PHONE NUMBER

EXTENSION

337-6951

CONVERSATION

SUBJECT

F/A Submission

SUMMARY

*Material with their attorney
to be sent to NRC within 1 week*

REFERRED TO:

ACTION REQUESTED

ACTION TAKEN

☐ ADVISE ME IF
ACTION TAKEN.

INITIALS

DATE

INITIALS

DATE

OFFICIAL RECORD COPY

ML10

MAY 25 1992

License No. STB-1505
Docket No. 040-08936
Control No. 113463

Butkin Precision Manufacturing Corporation
ATTN: Halide J. Caine, CRO
83 Erna Avenue
Milford, Connecticut 06460

Dear Ms. Caine:

We have reviewed your letter and Decommissioning Funding Plan (DFP) dated March 6, 1992 and find that sufficient information has not been provided.

1. In addition to the Certification provided with your letter, as indicated in Regulatory Guide 3.66, please provide executed originals or copies of the financial instruments used, such as a Surety Bond and Standby Trust Agreement.
2. Also, please provide more details regarding the cost estimates included in your Decommissioning Funding Plan (DFP). The appropriate level of detail is indicated in Appendix F of Regulatory Guide 3.66.

We will continue our review upon receipt of this information. Please reply in duplicate to my attention at the Region I office and refer to Mail Control No. 113463. The reviewer for this licensing action is Jim Bondick. If you have any technical questions regarding this deficiency letter please call the reviewer at (215) 337-6951.

Sincerely,

Original Signed By:
John D. Kinneman
Francis M. Costello, Chief
Research Development &
Decommissioning Section
Division of Radiation Safety
and Safeguards


Enclosure: Regulatory Guide 3.66

OFFICIAL RECORD COPY - G:\WPS\DLTR\D178 - 05/18/92

ML 10

Butkin Precision Manufacturing Corp. 2

bcc: J. Kinneman, RI

RI:DRSS 
Bondick/gc

05/21/92

RI:DRSS 
Costello

05/22/92

Butkin Precision Mfg. Corp.

83 ERNA AVE. MILFORD, CT 06460
(203) 878-2416
FAX (203) 877-4485

MS 16

Q6

040-08936

March 6, 1992

United States Nuclear Regulatory
Commission
REGION I
475 Allendale Road
King Of Prussia, PA 19406

Attention: Mr. J. Bondick

Subject: Decommissioning Funding Plan
License No. STB-1505

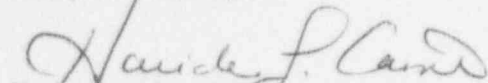
Dear Mr. Bondick,

Please find attached an outline of our Decommissioning Funding Plan as required by 10 CFR Parts 30, 40, 70 and 72. Included in this plan is a site-specific cost estimate of \$7,000 as part of the DFP.

In addition, I have enclosed a Certificate Of Financial Assurance in the amount of \$7,000 for the purpose of decommissioning.

If after review, you should have any questions, please do not hesitate to contact me at 203-878-2416.

Respectfully,



Halide J. Caine
Certified Radiation Officer
BUTKIN PRECISION MFG. CORP.

HJC/ms

cc: VW/NRC362
B. Anderson

ENC.

20:1d 6-RW 26

RECEIVED-REGION I

OFFICIAL RECORD COPY ML 10

113463

MAR 9 1992

S I T E S P E C I F I C C O S T
E S T I M A T E
LICENSE NO.
STB-1505

TASK I

- a) Preparation of documentation for regulatory agencies
- b) Submittal of decommissioning plan to NRC
- c) Development of work plans
- d) Staff training
- e) Characterization of radiological condition of facility and consultant fees

TOTAL \$3,776

TASK II

- a) Decontamination of radioactive facility
 - 1) Decon/dismantle of major equipment (if required)
 - 2) Decon of work benches, work surfaces, hoods, fans, other equipment etc.
 - 3) Decon waste storage areas
 - 4) Monitor for compliance, remonitor if necessary

TOTAL \$2,208

TASK III

- a) Packaging, shipping and disposal of radioactive waste
- b) Restoration of facility (if required)

TOTAL \$1,016

GRAND TOTAL \$7,000

FINANCIAL ASSURANCE
METHOD

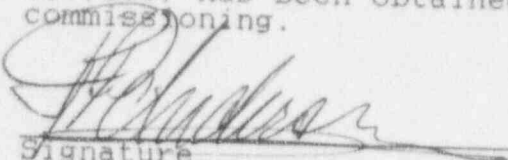
SURETY CERTIFICATION

Principal: Butkin Precision Mfg. Corp.

License No.: STB-1505 at 83 Erna Ave.
Milford, CT 06460

Issued To: U.S. Nuclear Regulatory Commission

This is to certify that Butkin Precision Mfg. Corp.
is licensed to possess Thorium in the following
amounts, 500 kg, and that financial assurance in
the amount prescribed by 10 CFR (Part 30.40 or 70),
(\$7,000) has been obtained for the purpose of de-
commissioning.


Signature

President/CEO

Title

March 6, 1992

Date

CORPORATE SEAL:

S I T E S P E C I F I C C O S T
E S T I M A T E
A D J U S T M E N T O F :

During the life of the licensed facility periodic adjustments will be made to the specific costs required for decommissioning and will include but not be limited to the following factors:

- 1) Inflation
- 2) Changes in facility conditions
- 3) Changes in amounts and/or types of material
- 4) Changes in decommissioning procedures

*Inflation adjustments will be made by calculating costs in current dollars.

COMMENTS

The use of Magnesium Thorium at Butkin Precision has decreased significantly since the issue of our license in April 1992.

Aggressive engineering by our customer, Textron Lycoming (the supplier of our raw material) has resulted in the changeover of many thoriated parts to non-thoriated alloys. In addition, the specific programs using thoriated materials have suffered large cutbacks thus reducing the number of parts being manufactured here.

Disposal of thorium chips has historically been the responsibility of Textron. All chips are returned to Textron for final processing and disposal therefore our disposal costs are minimal.

Decommissioning can be accomplished using in-house staff under the supervision of the RSO. Additional testing and/or instruction etc. will be accomplished with the use of our consulting firm, George Holeman Associates.

Required equipment for use in decommissioning is presently on site. Should the need arise in the future (should conditions change) for other equipment, rental or loaner use can be provided by George Holeman Associates.

NRC FORM 218
(4-78)
NRCM 0240

U.S. NUCLEAR REGULATORY COMMISSION

DATE

3/4/92

TIME

14:44

☐ A.M.
☒ P.M.

TELEPHONE OR VERBAL CONVERSATION RECORD

☐ INCOMING CALL

☒ OUTGOING CALL

☐ VISIT

PERSON CALLING

Jim Bondurik

OFFICE/ADDRESS

K of P

PHONE NUMBER | EXTENSION

X6951

PERSON CALLED

Halide J. Caine

OFFICE/ADDRESS

Buttini
Precision Mfg Corp

PHONE NUMBER | EXTENSION

203-878-2416

CONVERSATION

SUBJECT

Status of FIA due 2-16-92

SUMMARY

Ms Caine expects to input info into
w/processing today, & will fax us a
copy (c. hard copy to follow in the mail)
(by 3/4/92)

REFERRED TO:

ACTION REQUESTED

ACTION TAKEN

☐ ADVISE ME OF
ACTION TAKEN.

INITIALS

DATE

INITIALS

DATE

OFFICIAL RECORD COPY

ML 10

DATE 2-14-92

TELEPHONE OR VERBAL CONVERSATION RECORD

TIME 0800 ☒ A.M.
☐ P.M.

☐ INCOMING CALL

☒ OUTGOING CALL

☐ VISIT

PERSON CALLING

Jim Bondick

OFFICE/ADDRESS

KOP

PHONE NUMBER

EXTENSION

PERSON CALLED

Halide J Carine

OFFICE/ADDRESS

Buckner Pres. Mfg Corp

PHONE NUMBER

EXTENSION

203-878-2416

CONVERSATION

SUBJECT

Inquiry re: Status of F/A. due 2-16-92

SUMMARY

(History: checked file & CT. Olong for possible submission of FA Plan; none present)

Called licensee: Halide J Carine had a URI (upper resp. infection) last week and was now working on the plan to be submitted

She expects to submit the plan to the NRC by mid next week (2/19/92) by overnight mail.

2/14/92

REFERRED TO:

ACTION REQUESTED

ACTION TAKEN

☐ ADVISE ME OF ACTION TAKEN.

INITIALS

DATE

INITIALS

DATE

OFFICIAL RECORD COPY

ML10

NRC FORM 218 (4-78) NRCM 0240		U.S. NUCLEAR REGULATORY COMMISSION		
TELEPHONE OR VERBAL CONVERSATION RECORD		DATE <div style="text-align: right; font-family: cursive;">12/18/91</div>		
		TIME <div style="text-align: right; font-family: cursive;">11:00</div> <div style="text-align: right;"> <input checked="" type="checkbox"/> A.M. <input type="checkbox"/> P.M. </div>		
<input type="checkbox"/> INCOMING CALL		<input checked="" type="checkbox"/> OUTGOING CALL		
<input type="checkbox"/> VISIT				
PERSON CALLING <div style="font-family: cursive;">Steve W. Shaffer</div>	OFFICE/ADDRESS <div style="font-family: cursive;">Region I</div>	PHONE NUMBER <div style="font-family: cursive;">215- 337-5313</div>	EXTENSION 	
PERSON CALLED <div style="font-family: cursive;">Ms. Halide Cune</div>	OFFICE/ADDRESS <div style="font-family: cursive;">Butkin Precision MFG.</div>	PHONE NUMBER <div style="font-family: cursive;">203-878-2416</div>	EXTENSION 	
CONVERSATION				
SUBJECT <div style="font-family: cursive;">Financial Assurance</div>				
SUMMARY <div style="font-family: cursive; font-size: 1.2em;"> Ms. Cune assured me that she will send in a thirty-day commitment letter later this week and begin work on her OFP. </div>				
REFERRED TO:		<input type="checkbox"/> ADVISE ME OF ACTION TAKEN.		
ACTION REQUESTED				INITIALS
				DATE
ACTION TAKEN		INITIALS		
		DATE		



BUTKIN PRECISION MANUFACTURING CORPORATION

83 Erna Avenue, Milford, Connecticut 06460 • (203) 878-2416

MS 16

L3

040-08936

578-1505

January 6, 1991

UNITED STATES NUCLEAR REGULATORY
COMMISSION
Region I
475 Allendale Road
King Of Prussia, PA 19406

Attention: Mr. Eric Reber

Subject: Decommissioning Funding Plan

Dear Mr. Reber,

Submittal of the subject matter was not forwarded to your office as originally planned in October of 1991. Due to severe staffing cutbacks I have not been able to complete the plan as required.

I will however complete and forward to you a proposed plan on/or before February 16, 1992.

Thank you for your patience in this matter.

Respectfully,

Halide J. Caine
Vice President/Planning
& Radiation Safety Officer

HJC/ms
cc: NRC/FILE
VW/162

OFFICIAL RECORD COPY ML 10

30 YEARS OF QUALITY MANUFACTURING WITH PRECISION

113463

1/8/92



BUTKIN PRECISION MANUFACTURING CORPORATION

67 Erna Avenue, Milford, Connecticut 06460 • (203) 878-2416

040-08936

September 19, 1990

UNITED STATES NUCLEAR REGULATORY
COMMISSION
Region I
475 Allendale Road
King Of Prussia, PA 19406

Attention: Mr. Eric Reber

Subject: Telecom 09/19/90 H.Caine/E. Reber

Dear Mr. Reber,

Thank you for the information and clarification you provided concerning Decommissioning Funding Plans. I will submit our plan thirty days from the date of this letter.

After your review I would appreciate suggestions relating to any necessary changes that should be made.

Respectfully,

Halide J. Caine
Certified Radiation Safety Officer

HJC/ms
cc: B. Anderson
FILE/NRC90

U.S. N.R.C.
FEE NOT REQUIRED

90 OCT 12 P2:17

RECEIVED

Log	Oct 13
Remitter	
Check No.	
Amount	
Fee Category	22
Type of Fee	AMD
Date Check Recd.	
Date Completed	1/12
By:	

FEE NOT REQUIRED

per 8/30/90 Memo

113463

OFFICIAL RECORD COPY ML 10

SEP 24 1990

MS-40
2-1-91
L-3 - PMS 13

: (FOR LFMS USE)
: INFORMATION FROM LTS
: -----
:
:
: PROGRAM CODE: 11300
: STATUS CODE: 0
: FEE CATEGORY: 2C
: EXP. DATE: 19920430
: FEE COMMENTS: -----
:

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

APPLICANT/LICENSEE: BUTKIN PRECISION MFG. CORPORATION
RECEIVED DATE: 900924
DOCKET NO: 4008936
CONTROL NO.: 113463
LICENSE NO.: STB-1505
ACTION TYPE: AMENDMENT

2. FEE ATTACHED

AMOUNT: -----
CHECK NO.: -----

3. COMMENTS

SIGNED Linda M. Haverkamp
DATE 09/20

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 3 IS ENTERED)

1. FEE CATEGORY AND AMOUNT: 2C FEE NOT REQUIRED
2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR: per 8/30/90 Memo
AMENDMENT -----
RENEWAL -----
LICENSE -----

3. OTHER

SIGNED JK
DATE 11/26/91