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 UNITED STATES  
 NUCLEAR REGULATORY COMMISSION  
 OFFICE OF INVESTIGATIONS FIELD OFFICE, REGION I  
 475 ALLENDALE ROAD  
 KING OF PRUSSIA, PENNSYLVANIA 19406  
OI RESPONSE TO/STATUS OF REQUEST FOR INVESTIGATION

May 4, 1989

TO: William T. Russell  
 Regional Administrator  
 FROM: *[Signature]* Chester W. White, Director  
 Office of Investigations Field Office, Region I

REGION REQUEST NO.: RIR-89-008      DATE OF REQUEST: 89/05/02  
 Licensee/Vendor/Applicant: Radiation Technology, Inc.  
 Facility or Site Location: Rockaway, New Jersey  
 Docket No.: 030-07022      License No.: Non Applicable

CASE INITIATED: [ ]      CASE NO.: 1-89-006  
 Date opened: 89/05/03      Type of Case: ( )  
    Assist (A)  
    Inquiry (Q)  
    Investigation ( )  
 ECD: 89/05  
 Case Priority: H  
                                  H - High      N - Normal      L - Low

CASE NOT INITIATED: [ ]      REASON: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

COMMENTS:

9102080212 901206  
 PDR FOIA  
 JONES90-334 PDR

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*Release*

*I/4*  
~~*[Signature]*~~

INVESTIGATIVE WORK PLAN

(Reference 3.3.4 OI Manual)

Case No: 1-89-006	Investigator: E. Wilson	Date Prepared: 5/4/89
Title: Determining the Veracity of Statements made by Licensee Management		Date Reviewed: 5/4/89
		Reviewer's Initials: <i>EW</i>

NRC Violations: 10CFR 30.9 <sup>COMPLETE</sup> (TRUE + ACCURATE INFORMATION)  
 10CFR 20.203(c)(6) (HIGH RADIATION AREA MUST BE MAINTAINED WITH "POSITIVE ACCESS CONTROL")

Proposed Interviews:

- NRC OFFICIALS THAT WERE AT ENFORCEMENT CONFERENCE (EC)
- ✓ - MAL KNAPP (HE ASKED QUESTIONS REGARDING ENTRY TO CELL MARE.)
  - ✓ - MARLENE TAYLOR (QUESTIONED RTI ON THE CELL KEY SWITCH DETERIORATION.)
  - ✓ - JAY CUTLER (HIS RECOLLECTION OF QUESTIONS/ANSWERS AND IMPACT AT EC)
- RTI EMPLOYEES *JIM DYER (?)*
- ✓ - THE 4 OPERATORS (AYELS, SMITH, KEIM + ROSA)
  - ✓ - THE MAINTENANCE/MARLIAL HANDLER WHO ALLEGEDLY FIXED DOOR KNOB SET ON 2/13/89.
  - ✓ - PAUL SHAPIRO, V.P. OF QUALITY, WHO FORCED DOOR OPEN 2/10/89 CAUSING SHUT DOWN.
  - ✓ - JOHN SINGLETON, PLANT SUPER, RE: DOOR INCIDENT - CELL KEY SWITCH.
  - ✓ - JOHN RUSSEN, RSO.
  - ✓ - POSSIBLY - SCAUDALIOS, PRESIDENT OF RTI.

Proposed Record Checks: WRC RECORDS

- ✓ RTI RECORDS PERTINENT TO ALLEGED FALSE STATEMENTS (EG. - OPERATORS LOGS, SUPERVISORY LOGS, COMPUTER ENTRY LOGS ETC)

*LEGAL COUNSEL FILE/C*

Other Efforts (surveillances; fingerprints; photographs; handwriting exemplars; etc.)

DO NOT DISCLOSE

This document may contain information exempt from public disclosure

*115*  
~~115~~

Copies made by Marlene Taylor of NRC  
on 5/5/89 (Copies made for John Lussen)  
of each reproduction

54 + 7 = 61 total pages  
operator log

1 + 1 = 2 See Supervisor notebook

From 2/1/89 to  
5/2/89

From 4/6/89 to  
4/9/89

2/15/89 - Computer log  
4/29/89 - " " ✓

Spine mail log - 2 4/10 - 12/87  
Spine log - 2 4/17 - 12/87

EPW 5/5/89  
MGT 5/5/89

*Handwritten initials/signature in top right corner.*

WASH STATE UNIVERSITY TRIUMPH  
100 ACE DENVER ROAD  
BOZEMAN, MONTANA

PROCESS RUN TIME REPORT

07-11-89

09:47

CUSTOMER NUMBER:	1900	1	2	40
MIN DOSE, KRADS:	0	MAX DOSE, KRADS:		0
EMUL. TIME, MINUTES /	0	SECONDS		
TEST MAP DATE:	YEAR: 88			
UPDATED FUEL:	MINUTES /	54	SECONDS	
TYPE: 001	1	2	3	4
TYPE: 002	17	11	1	5
TYPE: 003	1	7	18	
TYPE: 004	1	1	10	

PROGRAM FULL ON 11 INDEX 0  
 02-13-89 09:03 START-UP IN PROGRESS  
 02-13-89 09:04 SOURCE UP  
 02-13-89 09:07 INDEX 1  
 02-13-89 09:10 INDEX 2  
 02-13-89 09:13 INDEX 3  
 02-13-89 09:16 INDEX 4  
 02-13-89 09:18 INDEX 4  
 02-13-89 09:20 INDEX 3  
 02-13-89 09:22 INDEX 4  
 02-13-89 10:02 CYL. T1A TRAVEL TIMED OUT  
 02-13-89 10:02 SOURCE DOWN  
 02-13-89 10:20 CONSOLE KEY-SWITCH OFF  
 02-13-89 10:24 CYL. T1B TRAVEL TIMED OUT  
 02-13-89 10:27 CELL PULL CABLE ACTIVATED  
 02-13-89 10:29 START-UP IN PROGRESS  
 02-13-89 10:30 SOURCE UP  
 02-13-89 10:43 INDEX 7  
 02-13-89 10:45 CONSOLE KEY-SWITCH OFF  
 02-13-89 10:46 SOURCE DOWN  
 02-13-89 10:48 START-UP IN PROGRESS  
 02-13-89 10:49 SOURCE UP  
 02-13-89 10:50 SAFETY INTERLOCKS INTERRUPTED  
 02-13-89 10:50 CONSOLE EMERGENCY STOP  
 02-13-89 10:50 CONSOLE KEY-SWITCH OFF  
 02-13-89 10:50 SOURCE DOWN  
 02-13-89 10:54 START-UP IN PROGRESS  
 02-13-89 10:55 SOURCE UP  
 02-13-89 10:56 HAZE GATE OPEN  
 02-13-89 10:56 CONSOLE KEY-SWITCH OFF  
 02-13-89 10:57 SOURCE DOWN

02-13-89 11:10 START-UP IN PROGRESS

*Accepted at  
RTJ 5/5/89  
EAW*

07-12-59 13:14 SOURCE UP  
07-12-59 13:15 CONSOLE KEY-SWITCH OFF  
07-12-59 13:16 SOURCE DOWN  
07-12-59 13:17 START-UP IN PROGRESS  
07-12-59 13:18 SOURCE UP  
07-12-59 13:19 TEST 2  
07-12-59 13:20 PRODUCT RUN TIME-MINUTES: 14  
07-12-59 13:21 PRODUCT RUN TIME-SECONDS: 6  
07-12-59 13:22 BATCH COMPLETE, REMOVE CARTRIDGE  
07-12-59 13:23 SOURCE DOWN

07-12-59 13:24 CONSOLE KEY-SWITCH OFF.

24  
R

02-12-89 14:12 U2-RADIATION IN DEMINERALIZER  
02-12-89 14:17 SAFETY INTERLOCKS INTERRUPTED  
02-12-89 14:18 CELL EXHAUST FAN OFF  
02-12-89 14:22 ALARM POWER CIRCUIT BREAKER OFF  
02-12-89 14:24 ROD WATER MAKE-UP VALVE OPEN  
02-12-89 14:26 DEIONIZER PUMP OFF  
02-12-89 14:28 SAFETY INTERLOCKS INTERRUPTED  
02-12-89 14:30 SAFETY INTERLOCKS INTERRUPTED

FOLLOWING ARE THE ADDITIONAL CUSTOMERS THAT HAVE BEEN INCLUDED WITHIN THIS BATCH RUN

CUSTOMER NO.	AGE	0	268	0
CUSTOMER NO. 1	0	0	0	0
CUSTOMER NO. 2	0	0	0	0
CUSTOMER NO. 3	0	0	0	0

02-12-89 15:12 STATIC RUN VALID  
02-12-89 15:13 START-UP IN PROGRESS  
02-12-89 15:18 SOURCE UP  
02-12-89 15:42 SOURCE DOWN  
02-12-89 15:43 STATIC RUN VALID  
02-12-89 15:44 CONSOLE KEY-SWITCH OFF

02-12-89 16:04 PRODUCT RUN TIME, MINUTES: 116  
02-12-89 16:04 PRODUCT RUN TIME, SECONDS: 6  
02-12-89 16:06 RUN ABORTED  
02-12-89 16:09 STATIC RUN VALID  
02-12-89 16:11 STATIC RUN VALID  
02-12-89 16:12 STATIC RUN VALID  
02-12-89 16:13 START-UP IN PROGRESS  
02-12-89 16:14 STATIC-A RUN TIME MINUTES: 0  
02-12-89 16:14 STATIC-A COMPLETE  
02-12-89 16:14 STATIC RUN VALID  
02-12-89 16:15 START-UP IN PROGRESS  
02-12-89 16:16 SOURCE UP  
02-12-89 16:25 STATIC-A, TURN/ROTATE  
02-12-89 16:26 SOURCE DOWN  
02-12-89 16:26 CONSOLE KEY-SWITCH OFF  
02-12-89 16:31 START-UP IN PROGRESS  
02-12-89 16:31 SOURCE UP

02-12-99 17:02 SOURCE DOWN  
02-12-99 17:03 STATIC-A RUN TIME MINUTES: 30  
02-12-99 17:03 CONSOLE KEY-SWITCH OFF  
02-12-99 17:03 STATIC-A COMPLETE  
02-12-99 17:04 STATIC RUN VALID  
02-12-99 17:04 START-UP IN PROGRESS  
02-12-99 17:04 SOURCE UP  
02-12-99 17:07 STATIC-A , TURN/ROTATE  
02-12-99 17:07 SOURCE DOWN  
02-12-99 17:07 CONSOLE KEY-SWITCH OFF  
02-12-99 17:08 START-UP IN PROGRESS  
02-12-99 17:08 SOURCE UP  
02-12-99 17:11 STATIC-A , TURN/ROTATE  
02-12-99 17:11 STATIC-A RUN TIME MINUTES: 60  
02-12-99 17:11 CONSOLE KEY-SWITCH OFF  
02-12-99 17:11 STATIC-A COMPLETE  
02-12-99 17:11 SOURCE DOWN  
02-12-99 17:12 STATIC RUN VALID  
02-12-99 17:12 START-UP IN PROGRESS  
02-12-99 17:12 SOURCE UP  
02-12-99 17:15 STATIC-A , TURN/ROTATE  
02-12-99 17:15 SOURCE DOWN  
02-12-99 17:15 CONSOLE KEY-SWITCH OFF  
02-12-99 17:16 START-UP IN PROGRESS  
02-12-99 17:16 SOURCE UP  
02-12-99 17:18 STATIC-A , TURN/ROTATE  
02-12-99 17:18 CONSOLE KEY-SWITCH OFF  
02-12-99 17:18 SOURCE DOWN  
02-12-99 17:19 START-UP IN PROGRESS  
02-12-99 17:19 SOURCE UP  
02-12-99 17:19 CONSOLE KEY-SWITCH OFF  
02-12-99 17:19 SOURCE DOWN  
02-12-99 17:19 START-UP IN PROGRESS  
02-12-99 17:19 SOURCE UP  
02-12-99 17:22 STATIC-A , TURN/ROTATE  
02-12-99 17:22 STATIC-A RUN TIME MINUTES: 40  
02-12-99 17:22 CONSOLE KEY-SWITCH OFF  
02-12-99 17:22 STATIC-A COMPLETE  
02-12-99 17:22 SOURCE DOWN  
02-12-99 17:22 STATIC RUN VALID  
02-12-99 17:22 START-UP IN PROGRESS  
02-12-99 17:22 SOURCE UP  
02-12-99 17:25 CONSOLE KEY-SWITCH OFF  
02-12-99 17:25 SOURCE DOWN  
02-12-99 17:25 START-UP IN PROGRESS  
02-12-99 17:25 SOURCE UP  
02-12-99 17:28 CONSOLE KEY-SWITCH OFF  
02-12-99 17:28 SOURCE DOWN  
02-12-99 17:28 START-UP IN PROGRESS  
02-12-99 17:28 SOURCE UP  
02-12-99 17:31 CONSOLE KEY-SWITCH OFF  
02-12-99 17:31 SOURCE DOWN  
02-12-99 17:31 START-UP IN PROGRESS  
02-12-99 17:31 SOURCE UP  
02-12-99 17:34 STATIC-A RUN TIME MINUTES: 14  
02-12-99 17:34 CONSOLE KEY-SWITCH OFF  
02-12-99 17:34 STATIC-A COMPLETE  
02-12-99 17:34 SOURCE DOWN

X N

NORTH JERSEY PROCESS TECHNOLOGY  
100 LAKE DENMARK ROAD  
ROSELAND, N.J. 07068

PROCESS RUN-TIME REPORT

DATE: 08-08

TIME: 20:04

ALPHANUM NUMBER:	740	1	0	500
MT. TDRX KNDR:	0	MAX. DDBE:	CRATER:	0
TDRX TIME:	0	MINUTES /	0	SECONDS
TDRX MAX WATER:	217	YEAR:	88	
WATER DDBE:	0	MINUTES /		SECONDS
INDEX 1:	0			
INDEX 2:	1	2	12	5
INDEX 3:	0			
INDEX 4:	0	6	1	15

PRODUCT RUN TIME: 11 INDEX-1

07-11-89 21:08 START-UP IN PROGRESS

07-11-89 21:10 SOURCE UP

07-11-89 21:11 INDEX 1

07-11-89 21:12 INDEX 2

07-11-89 21:13 INDEX 3

07-11-89 21:16 CARRIER MESSING AT CIR-

07-11-89 21:16 SOURCE DOWN

07-11-89 21:16 CONSOLE KEY-SWITCH OFF

07-11-89 21:16 START-UP IN PROGRESS

07-11-89 21:19 SOURCE UP

07-11-89 21:41 INDEX 4

07-11-89 22:03 INDEX 5

07-11-89 22:25 INDEX 6

07-11-89 22:47 INDEX 7

07-11-89 23:06 INDEX 8

07-11-89 23:31 PRODUCT RUN TIME, MINUTES: 198

07-11-89 23:31 PRODUCT RUN TIME, SECONDS: 0

07-11-89 23:31 BATCH COMPLETE, REMOVE CARRIERS

07-11-89 23:31 CONSOLE KEY-SWITCH OFF

07-11-89 23:31 SOURCE DOWN



WIRTH JEFFERY PROCESS TECHNOLOGY  
 105 LAKE SHAWNEE ROAD  
 RUTHERFORD, N.J. 07070

BATCHES RUN-TIME REPORT

04-10-89

23:16

CUSTOMER NUMBER: 740 1 0 001  
 MIN DOSE, KRADS: 0 MAX DOSE, KRADS: 0  
 RUN TIME: 0 MINUTES / 0 SECONDS  
 TYPE, KAR DATE: 117 YEAR: 88  
 (04-10-89) MINUTES / 4 SECONDS

TYPE, MIN	0	1	3	5	4
DOSE, KRAD	14	14	11	15	18
TYPE, MIN	7	3	7	6	
DOSE, KRAD	3	13	7	6	

BATCH RUN VALID INDEX=0

YOU CAN SEE THE ADDITIONAL CUSTOMERS THAT HAVE BEEN TULUMED WITHIN THIS BATCH RUN :

CUSTOMER NO. 1	1265	1	14	9
CUSTOMER NO. 2	429	0	4	0
CUSTOMER NO. 3	0	0	4	0
CUSTOMER NO. 4	0	0	0	0

04-10-89 23:00 START-UP IN PROGRESS  
 04-10-89 23:01 SOURCE UP  
 04-10-89 23:02 INDEX 1  
 04-10-89 23:03 CARRIER HIT COLLISION DEVICE  
 04-10-89 23:03 CONSOLE KEY-SWITCH OFF  
 04-10-89 23:03 SOURCE DOWN  
 04-10-89 23:04 START-UP IN PROGRESS  
 04-10-89 23:05 SOURCE UP  
 04-10-89 23:05 CARRIER HIT COLLISION DEVICE  
 04-10-89 23:05 CONSOLE KEY-SWITCH OFF  
 04-10-89 23:05 SOURCE DOWN  
 04-10-89 23:07 START-UP IN PROGRESS  
 04-10-89 23:08 SOURCE UP  
 04-10-89 23:08 CYL. C1A TRAVEL TIMED OUT  
 04-10-89 23:08 CONSOLE KEY-SWITCH OFF  
 04-10-89 23:08 SOURCE DOWN  
 04-10-89 23:09 CYL. T1A TRAVEL TIMED OUT  
 04-10-89 23:09 CARRIER MIXING AT C1A+  
 04-11-89 00:07 START-UP IN PROGRESS  
 04-11-89 00:08 SOURCE UP  
 04-11-89 00:08 CYL. D1B TRAVEL TIMED OUT  
 04-11-89 00:09 SOURCE DOWN

*As copied at  
 RTI 3/5/89  
 [Signature]*

04-24-89 23:13 PRODUCT RUN TIME, MINUTES: 91  
 04-24-89 23:13 PROMPT RUN TIME, SECONDS: 48  
 04-24-89 23:13 BATCH COMPLETE REMOVE CARRIERS  
 04-24-89 23:13 CONSOLE KEY-SWITCH OFF  
 04-24-89 23:13 SOURCE DOWN

NORTH WPPSS PROCESS TECHNOLOGY  
 119 LAKE DENVER ROAD  
 STANWAY, N.J. 07884

PROCESS RUN-TIME REPORT

04-24-89

27:53

STARTUP INDEX: 79  
 MAX DOSE (KRB): 0  
 MAX DOSE (KRB): 0  
 MINUTE: 0  
 YEAR: 88  
 MINUTE: 0  
 SECONDS: 0

INVTX FCB: 0  
 TIME: 18  
 1  
 18  
 2  
 4  
 3  
 17  
 4  
 6  
 7  
 8  
 1  
 2  
 4

PRODUCT RUN VALID INDEX=0  
 04-24-89 23:13 START-UP IN PROGRESS  
 04-24-89 23:55 SOURCE UP  
 04-27-89 00:05 INDEX 1  
 04-27-89 00:16 INDEX 2  
 04-27-89 00:26 INDEX 3  
 04-27-89 00:36 INDEX 4  
 04-27-89 00:46 INDEX 5  
 04-27-89 00:56 INDEX 6  
 04-27-89 01:07 INDEX 7  
 04-27-89 01:17 INDEX 8  
 04-27-89 01:27 PRODUCT RUN TIME, MINUTES: 91  
 04-27-89 01:27 PRODUCT RUN TIME, SECONDS: 48  
 04-27-89 01:27 BATCH COMPLETE REMOVE CARRIERS  
 04-27-89 01:27 SOURCE DOWN  
 04-27-89 01:27 CONSOLE KEY-SWITCH OFF

Original RTI  
 5/5/89 EAW

DATE: 04-27-89  
TIME: 04:21:00  
PROGRAM: 118

PROGRAM RUNTIME REPORT

04:21:00 01:00

PROGRAM NUMBER: 118  
TO STAR TRANS: 0 MAX DOSE GRADE: 0  
DE: 0 MINUTES: 0 SECONDS:  
START DATE: 01/01/89 YEAR: 89  
START TIME: 04:21:00 MINUTES: 0 SECONDS:

04:21:00 01:00  
04:21:00 01:00  
04:21:00 01:00  
04:21:00 01:00

PRODUCT VAL: 11 INDEX: 1  
04-27-89 07:00 START-UP IN PROGRESS  
04-27-89 07:00 SOURCE UP  
04-27-89 07:00 BATTERY INTER DOSE INTERRUPTED  
04-27-89 07:00 CARRIER UP-SWITCH OFF  
04-27-89 07:00 SOURCE DOWN  
04-27-89 07:00 START-UP IN PROGRESS  
04-27-89 07:00 SOURCE UP  
04-27-89 07:00 MAKE GATE OPEN  
04-27-89 07:00 CONSOLE KEY-SWITCH OFF  
04-27-89 07:00 START-UP IN PROGRESS  
04-27-89 07:00 SOURCE UP  
04-27-89 07:00 INDEX 1  
04-27-89 07:00 INDEX 2  
04-27-89 07:00 INDEX 3  
04-27-89 07:00 CARRIER RIBBING AT 0.184  
04-27-89 07:00 SOURCE DOWN  
04-27-89 07:00 CONSOLE KEY-SWITCH OFF  
04-27-89 07:00 START-UP IN PROGRESS  
04-27-89 07:00 SOURCE UP  
04-27-89 07:00 INDEX 4  
04-27-89 07:00 INDEX 5  
04-27-89 07:00 INDEX 6  
04-27-89 07:00 INDEX 7  
04-27-89 07:00 INDEX 8  
04-27-89 07:00 PRODUCT RUN TIME, MINUTES: 118  
04-27-89 07:00 PRODUCT RUN TIME, SECONDS: 48  
04-27-89 07:00 BATCH COMPLETE, REMOVE CARRIERS  
04-27-89 07:00 SOURCE DOWN

04-27-89 05:59 STATIC RUN VALID  
04-27-89 06:00 START-UP IN PROGRESS  
04-27-89 06:04 SOURCE UP  
04-27-89 06:04 STATIC-A , TURN/ROTATE  
04-27-89 06:07 CONSOLE KEY-SWITCH OFF  
04-27-89 06:07 SOURCE DOWN  
04-27-89 06:09 START-UP IN PROGRESS  
04-27-89 06:10 SOURCE UP  
04-27-89 06:13 STATIC-A , TURN/ROTATE  
04-27-89 06:13 CONSOLE KEY-SWITCH OFF  
04-27-89 06:15 SOURCE DOWN  
04-27-89 06:16 START-UP IN PROGRESS  
04-27-89 06:20 SOURCE UP  
04-27-89 06:23 CONSOLE KEY-SWITCH OFF  
04-27-89 06:23 SOURCE DOWN  
04-27-89 06:26 START-UP IN PROGRESS  
04-27-89 06:27 SOURCE UP  
04-27-89 06:29 STATIC-A , TURN/ROTATE  
04-27-89 06:30 CONSOLE KEY-SWITCH OFF  
04-27-89 06:30 SOURCE DOWN  
04-27-89 06:33 START-UP IN PROGRESS  
04-27-89 06:34 SOURCE UP  
04-27-89 06:39 STATIC-A , TURN/ROTATE  
04-27-89 06:39 CONSOLE KEY-SWITCH OFF  
04-27-89 06:39 SOURCE DOWN  
04-27-89 06:41 START-UP IN PROGRESS  
04-27-89 06:42 SOURCE UP  
04-27-89 06:45 STATIC-A , TURN/ROTATE  
04-27-89 06:45 STATIC-A RUN TIME MINUTES: 12  
04-27-89 06:47 CONSOLE KEY-SWITCH OFF  
04-27-89 06:48 STATIC-A COMPLETE  
04-27-89 06:48 SOURCE DOWN  
04-27-89 06:47 STATIC RUN VALID  
04-27-89 06:54 START-UP IN PROGRESS  
04-27-89 06:55 SOURCE UP  
04-27-89 06:58 CONSOLE KEY-SWITCH OFF  
04-27-89 06:58 SOURCE DOWN  
04-27-89 06:45 START-UP IN PROGRESS  
04-27-89 06:46 SOURCE UP  
04-27-89 06:48 STATIC-A , TURN/ROTATE  
04-27-89 06:49 SOURCE DOWN  
04-27-89 06:49 CONSOLE KEY-SWITCH OFF  
04-27-89 06:57 START-UP IN PROGRESS  
04-27-89 06:58 SOURCE UP  
04-27-89 07:01 STATIC-A , TURN/ROTATE  
04-27-89 07:01 SOURCE DOWN  
04-27-89 07:01 CONSOLE KEY-SWITCH OFF

04-27-89 07:03 START-UP IN PROGRESS  
 04-27-89 07:03 SOURCE UP  
 04-27-89 07:03 STATIC-A , TURN/ROTATE  
 04-27-89 07:03 CONSOLE KEY-SWITCH OFF  
 04-27-89 07:03 SOURCE DOWN  
 04-27-89 07:03 START-UP IN PROGRESS  
 04-27-89 07:03 SOURCE UP  
 04-27-89 07:03 STATIC-A , TURN/ROTATE  
 04-27-89 07:03 CONSOLE KEY-SWITCH OFF  
 04-27-89 07:03 SOURCE DOWN  
 04-27-89 07:03 START-UP IN PROGRESS  
 04-27-89 07:03 SOURCE UP  
 04-27-89 07:03 STATIC-A , TURN/ROTATE  
 04-27-89 07:03 SOURCE DOWN  
 04-27-89 07:03 STATIC-A RUN TIME MINUTES: 12  
 04-27-89 07:03 CONSOLE KEY-SWITCH OFF  
 04-27-89 07:03 STATIC-A COMPLETE  
 04-27-89 07:03 STATIC-A RUN VALID  
 04-27-89 07:03 START-UP IN PROGRESS  
 04-27-89 07:03 SOURCE UP  
 04-27-89 07:03 STATIC-A , TURN/ROTATE  
 04-27-89 07:03 CONSOLE KEY-SWITCH OFF  
 04-27-89 07:03 SOURCE DOWN  
 04-27-89 07:03 START-UP IN PROGRESS  
 04-27-89 07:03 SOURCE UP  
 04-27-89 07:03 STATIC-A , TURN/ROTATE  
 04-27-89 07:03 CONSOLE KEY-SWITCH OFF  
 04-27-89 07:03 SOURCE DOWN  
 04-27-89 07:03 START-UP IN PROGRESS  
 04-27-89 07:03 SOURCE UP  
 04-27-89 07:03 STATIC-A , TURN/ROTATE  
 04-27-89 07:03 SOURCE DOWN  
 04-27-89 07:03 CONSOLE KEY-SWITCH OFF

04-27-89 08:24 START-UP IN PROGRESS  
 04-27-89 08:25 SOURCE UP  
 04-27-89 08:27 STATIC-A , TURN/ROTATE  
 04-27-89 08:28 CONSOLE KEY-SWITCH OFF  
 04-27-89 08:28 SOURCE DOWN  
 04-27-89 08:30 START-UP IN PROGRESS  
 04-27-89 08:31 SOURCE UP  
 04-27-89 08:34 STATIC-A , TURN/ROTATE  
 04-27-89 08:34 SOURCE DOWN  
 04-27-89 08:34 STATIC-A RUN TIME MINUTES: 12  
 04-27-89 08:34 STATIC-A COMPLETE  
 04-27-89 08:34 CONSOLE KEY-SWITCH OFF  
 04-27-89 08:44 STATIC RUN VALID  
 04-27-89 09:03 START-UP IN PROGRESS  
 04-27-89 09:04 CARRIER LOCKS NOT IN PLACE  
 04-27-89 09:05 START-UP IN PROGRESS  
 04-27-89 09:05 SOURCE UP

04-27-89 09:00 SOURCE DOWN  
04-27-89 09:00 CONSOLE KEY-SWITCH OFF  
04-27-89 09:01 START-UP IN PROGRESS  
04-27-89 09:02 SOURCE UP  
04-27-89 09:03 STATIC-A , TURN/ROTATE  
04-27-89 09:03 SOURCE DOWN  
04-27-89 09:04 CONSOLE KEY-SWITCH OFF  
04-27-89 09:04 START-UP IN PROGRESS  
04-27-89 09:05 SOURCE UP  
04-27-89 09:06 STATIC-A , TURN/ROTATE  
04-27-89 09:06 SOURCE DOWN  
04-27-89 09:07 CONSOLE KEY-SWITCH OFF  
04-27-89 09:07 START-UP IN PROGRESS  
04-27-89 09:08 SOURCE UP  
04-27-89 09:09 STATIC-A , TURN/ROTATE  
04-27-89 09:09 SOURCE DOWN  
04-27-89 09:10 CONSOLE KEY-SWITCH OFF  
04-27-89 09:10 START-UP IN PROGRESS  
04-27-89 09:11 SOURCE UP  
04-27-89 09:12 STATIC-A , TURN/ROTATE  
04-27-89 09:12 SOURCE DOWN  
04-27-89 09:13 CONSOLE KEY-SWITCH OFF  
04-27-89 09:13 START-UP IN PROGRESS  
04-27-89 09:14 SOURCE UP  
04-27-89 09:15 STATIC-A , TURN/ROTATE  
04-27-89 09:15 SOURCE DOWN  
04-27-89 09:16 CONSOLE KEY-SWITCH OFF  
04-27-89 09:16 START-UP IN PROGRESS  
04-27-89 09:17 SOURCE UP  
04-27-89 09:18 STATIC-A , TURN/ROTATE  
04-27-89 09:18 SOURCE DOWN  
04-27-89 09:19 CONSOLE KEY-SWITCH OFF  
04-27-89 09:19 START-UP IN PROGRESS  
04-27-89 09:20 SOURCE UP  
04-27-89 09:21 STATIC-A , TURN/ROTATE  
04-27-89 09:21 SOURCE DOWN  
04-27-89 09:22 CONSOLE KEY-SWITCH OFF  
04-27-89 09:22 START-UP IN PROGRESS  
04-27-89 09:23 SOURCE UP  
04-27-89 09:24 STATIC-A , TURN/ROTATE  
04-27-89 09:24 SOURCE DOWN  
04-27-89 09:25 CONSOLE KEY-SWITCH OFF  
04-27-89 09:25 START-UP IN PROGRESS  
04-27-89 09:26 SOURCE UP  
04-27-89 09:27 STATIC-A , TURN/ROTATE  
04-27-89 09:27 SOURCE DOWN  
04-27-89 09:28 CONSOLE KEY-SWITCH OFF  
04-27-89 09:28 START-UP IN PROGRESS  
04-27-89 09:29 SOURCE UP  
04-27-89 09:30 STATIC-A , TURN/ROTATE  
04-27-89 09:30 SOURCE DOWN  
04-27-89 09:31 CONSOLE KEY-SWITCH OFF  
04-27-89 09:31 START-UP IN PROGRESS  
04-27-89 09:32 SOURCE UP  
04-27-89 09:33 STATIC-A , TURN/ROTATE  
04-27-89 09:33 SOURCE DOWN  
04-27-89 09:34 CONSOLE KEY-SWITCH OFF  
04-27-89 09:34 START-UP IN PROGRESS  
04-27-89 09:35 SOURCE UP  
04-27-89 09:36 STATIC-A , TURN/ROTATE  
04-27-89 09:36 SOURCE DOWN  
04-27-89 09:37 CONSOLE KEY-SWITCH OFF  
04-27-89 09:37 START-UP IN PROGRESS  
04-27-89 09:38 SOURCE UP  
04-27-89 09:39 STATIC-A , TURN/ROTATE  
04-27-89 09:39 SOURCE DOWN  
04-27-89 09:40 CONSOLE KEY-SWITCH OFF  
04-27-89 09:40 START-UP IN PROGRESS  
04-27-89 09:41 SOURCE UP  
04-27-89 09:42 STATIC RUN VALID







1 Feb 1989

2<sup>nd</sup> shift 'B'

BOOK NO. 1600-0030

Work continued from Page

Personnel

John Singleton  
Kenny  
Richard

Read + understood 2<sup>nd</sup> shift Supervisor's log. Completed job # 0747-158, started job # 1415-7-1, loaded job # 0350-71-2. Shift properly turned over by Mike Ayres.

At 2:55 hours a CIB malfunction occurred. I cleared the malfunction and initiated start up. When I tried to turn the <sup>console</sup> key switch, it would not lock into the on position and the start up hour would not cease after 90 seconds. I called TASS and explained to him the problem I was having. I then called John Wallace and explained to him what was happening. He said it sounded like we had a bad key lock switch. I agreed with this and took the key lock switch out of the console. I could not find the new key lock switch so I decided to repair this one. I worked with the switch and sprayed WD 40 into the keyway end of the switch and the switch freed up and began working. I reinstalled the switch into the console. No further complications. I turned the shift over to Mike Roza 3 shift Supervisor.

SCIENTIFIC BRITEL PRODUCTIONS CHICAGO ILLINOIS

Work continued to Page

SIGNATURE

Singleton

DATE

2-2-89

DISCLOSED TO AND UNDERSTOOD

DATE

WITNESS

DATE

2 Feb 89

Mike Ayres

As copied at R.I.I. 5/15/89 EPLW

1 Mar 89

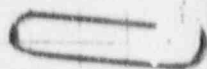
3rd

0001 - 0830

Work continued from Page

Personnel - Bob Keim

Received shift turnover from Mike, Lisa,  
 1) <sup>at 10:00</sup> ~~at 10:00~~ handle this shift. Second shift personnel  
 stayed over to assist unloading of job # 0747-166-1,  
 and loading of job 0747-166-2. Mike & Lisa departed  
 @ 08:30. Call dropped w/ TTB time out @ 0102. Planned  
 Mike Ayres to see if he wanted to come in to help  
 me process job 0747-166-2. He said he would be  
 in early. In meantime, removed rollers from  
 carriers and loaded jobs 1302-47-2 lot 02923 +  
 1302-46-1. \*Note - Start-up key switch assembly needs to  
 be repaired - entire assembly, if not held in place,  
 comes out of box when key is moved. Swept  
 warehouse floor, central room & stairwell, <sup>at 10:00</sup> ~~at 10:00~~  
 trash can. Shift properly turned over to Mike Ayres.



no copies of RFI  
5/10/89 EAL

SIGNATURE *Bob S. Keim*  
 DISCLOSED TO: *Mike Ayres*

1 Mar 89  
3/1/89

4 MAR 89

3rd

0001-08.34

Personnel: Bob Kin  
Harold Curry  
Joe Giannola

Wood shift turnover from Dave Smith  
Completed in #1299-2, left unwrapped due to not  
knowing what status for it 0782-25-2, loaded  
and ran jobs # 0782-25-3, 0782-25-4. Start-up run  
is still pulling out of cylinders. Swept all warehouse  
floors + stairwell. Continued relabeling glass pallets.  
Charged new gaslife. Emptied all trash cans, swept  
swept central aisle. Did S-I-T at start of run  
0782-25-2, 07836. All else manual. Had two (2)  
TLA malfunctions. No 1<sup>st</sup> shift, John Singleton is  
in the city

As signed at 11:51 AM  
3/6/89

KENTON MIDDY PRODUCTS CHICAGO

SIGNATURE <i>Bob Kin</i>	DATE 4 MAR 89
DISCLOSED TO AND UNDERSTOOD BY <i>Michael Myers</i>	DATE 3/6/89
DATE	WITNESS

MAR-89

3<sup>rd</sup> Shift

BOOK NO.

0001-0830 hrs.

Personnel: Mike Rosa

Louis Cariero

Rafael Gonzalez

Shift turned over by David Smith, SIT performed, all safety interlocks functioning as normal.


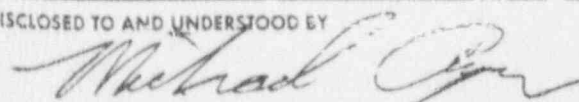
Finished processing job #'s 1349-23-2 & 0350-73. Processed job # 1349-23-1, Loaded up job # 0747-168-2.

Material handlers cleaning warehouse & dusting floors.

NOTE: Armstrong Labs arrived at plant at 0610 hrs. with delivery of SIALine.

as signed by TIF  
3/9/89

ROCKWELL MANUFACTURING PRODUCTS CHICAGO

SIGNATURE		DATE	
		3-9-89	
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE
			3/9/89



2 APR 89

3rd

ΦΦΦ1 - Φ83Φ

Personnel - Bob King  
Joe Giancola

Received shift turnover from Dave Smith.  
 Aaron Curry not in tonight, as call completed  
 job 1421-27 + 1461-16. He per John S., after initial  
 dwell of 32 minutes, 48 second, went up for  
 top off time of 2 min, 48 second. Several problems  
 with cell start up. Could initiate start-up, but  
 could not raise course. Tried repeatedly, with no  
 results. Woke John S., he re-entered data in  
 computer, source raised AT. Did S.I.T. @ Φ143.  
 Several TIA + CIB modifications, also key  
 switch in cell, needs to be held over to  
 the right to initiate start up.

As copied J.K. J.K.  
 5/15/89 E.K.

SCIENTIFIC BAKERY PRODUCTS CHICAGO

SIGNATURE <i>Robert S. King</i>		DATE 2 APR 89	
DISCLOSED TO AND UNDERSTOOD BY <i>M. Ryan</i>	DATE	WITNESS	DATE 4/3/89

3 APR 89

35

0001-0830

Personnel - Bob King  
Joe Giancola

Received shift turnover from Dave Smith.  
Performed S.I.T. @ 0053. Completed jobs  
#s 1369-15-4, 1369-15-5, 1369-15-6. Changed  
locktrucks swept warehouse, driveway + buskone  
'WD-40 d-ble carrier wheels + rollers. Gapped  
truck cans. As per John Singleton loaded job  
1830-127 (twice). Human Army called Dave Smith,  
said he was going for a physical in the A.M.,  
would not be in today. I left turned over to  
Mike Ayres

W. Giancola RTI  
5/5/89

SCIENTIFIC BINDERY PRODUCTS CHICAGO

SIGNATURE <i>Robert S. King</i>		DATE 3 APR 89	
DISCLOSED TO AND UNDERSTOOD BY <i>M. Ayres</i>	DATE	WITNESS	DATE 4/2/89

4/3/89

1st

0800 to 1630

Personnel - Mike Oym  
- Kirk Eppelt

Received shift turnover by the 3rd shift supervisor Bob Keim. Did shipping and receiving, swept warehouse

completed job # 1030-127

started job # 1369-15-7

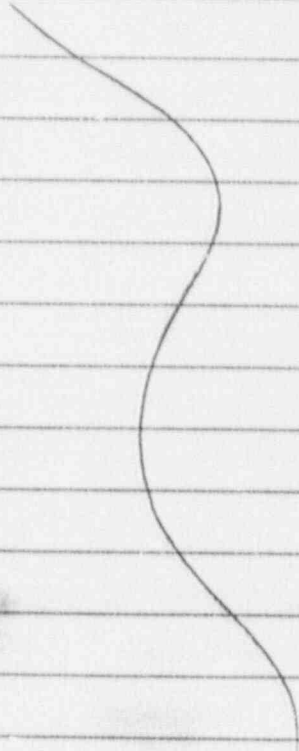
started job # 0875-273

job # 1051-46-4

top-off job # 1421-27

job # 1209-3

All logs completed, shift turned over to John Singleton



Dr. Conrad T. I. (S) 5/1/89

SCIENTIFIC BINDERY PRODUCTS CHICAGO

SIGNATURE <i>M. Oym</i>		DATE 4/3/89	
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE



3-Apr-89

2nd Shift

1600-0030 hrs.

Personnel: Mike Rosa  
Louis Carrero  
Rafel Gonzales.

Received shift Turn over from John Singleton. Security checks performed, all secure, Times recorded into Security Log book. \*Note: at 2200hrs the breakroom was found to be flooded, the sink may have backed up or there is a possible broken pipe somewhere, material handlers mopped the water up. ~~Sh~~ Processed job #'s 0740-929-2, 1401-17, 1411-17-1, 1051-46-4. Shift turned over to Bob Keim.



Accepted ATZ 5/5/89  
EPW

SCIENTIFIC BAKERY PRODUCTS CHICAGO

SIGNATURE		DATE	
M. Rosa		3-Apr-89	
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE
McClay			4/4/89

APR 89

3rd

Personnel - Bob Klein  
Joe Cisualu

Received shift turnover from Mike Ross.  
Processed jobs 1411-17-1, 14φ1-17, 12φ4-146-3,  
12φ4-146-4, 1339-18. Had deal, termination  
@ φ439. Problem resolved @ φ77φ. Mike  
Ayres call in @ φ515 to assist in putting  
cannons back on rail. Swept warehouse in  
down-time. All the usual. Aaron Carey not  
in route, no call.



As signed at RTI 5/5/89 EPL

SCIENTIFIC BAKERY PRODUCTS CHICAGO

SIGNATURE <i>Robert S. Klein</i>		DATE 4 APR 89	
DISCLOSED TO AND UNDERSTOOD BY <i>M. Ayres</i>	DATE	WITNESS	DATE 4/4/89

4/4/89

1st

- Personnel - Mike Ayer
- Jack Maximo
- Rich O'Connell
- Gilbert Lorenzo

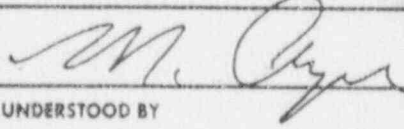
Called in by the 3rd shift supervisor Bob Keim for carrier derailments, also received shift turnover. Did shipping and receiving, swept warehouse, maze and cells. Shut down for a little while to make repairs in cell. Repaired lat guide and remounted it to the floor, replaced carrier awning stop, replaced and straightened out carrier stops.

- completed job # 1339-18
- job # 1368-15-8
- job # 0782-28-1
- job # 0782-28-2

Cell ran good, all logs completed shift turned over to Mike Keim

as signed at 12:17  
 4/5/89  
 879

SCIENTIFIC BIDDERT PRODUCTS CHICAGO

SIGNATURE		DATE	4/4/89
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE

TITLE

4-APR-89

2nd Shift

PROJECT NO.

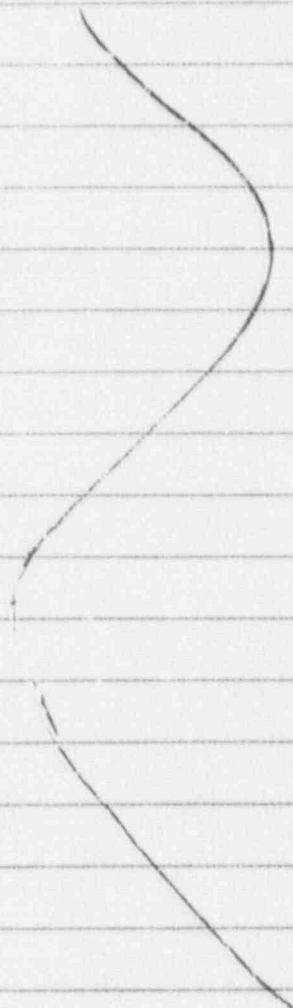
107

BOOK NO.

1606-1030 hrs

Personnel: Mike Riser  
Louis Carico  
Rafael Gonzalez

Received Shift Turn over from Mike Ayres.  
Security Checks Completed, all Secure, Times recorded  
into security log book. processed Job#s 0702-29-3,  
1363-5, 1204-46-5, 1411-17-2, 1411-17-3, Pallets of  
Owens ILL which were stamped wrong were collected  
and wrapped up. Warehouse Swept, Trash emptied.  
Shift turned over to Bob Kern.



By Capital RTI 5/5/89 ERM

SCIENTIFIC BUSINESS PRODUCTS CHICAGO

SIGNATURE		DATE	
M. Riser		4-4-89	
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE
Mike Ayres			4/5/89

108

TITLE:

PROJECT NO.

5 APR 89

3rd

BOOK NO.

0001-0830

Personnel - Bob King  
Joe Binsola

Received shift turnover from Mike Law  
Cell dropped w/completed job 1411-17-3. Per-  
formed S.I.T. @ 0045. Processed jobs 1411-17-4,  
1268-43, 1369-15-8, loaded job 1382-51 + 0358-77  
in cell for first shift. Person Guy not in  
to date, no call. Due to amount of boxes in room,  
not too much time to really clean up  
last night. All the same, shift turned over  
to Mike Ayres.

Accepted at RTI 5/1/89  
MB  
Eph

SCIENTIFIC BROSLEY PRODUCTS CHICAGO

SIGNATURE	<i>Bob King</i>	DATE	WITNESS	DATE 4/5/89
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE 4/5/89	

TITLE

4/5/89

1st

PROJECT NO.

109

BOOK NO.

0800 to 1630

Personnel - Mike Ayres  
 - Jack Masina  
 - Kelly Appell  
 - Gilbert Sorrenzo

Received shift twice over by the 3rd shift supervisor Bob Reim, all appears to be normal at shift start. Worked on the weekly and monthly maintenance logs, did shipping and receiving, swept warehouse at 1540 hours I started having problems with door knob on cell door, I advised John Singleton about problem, he stated stay down until fixed. Could not enter maze with knob loose. John Russer and myself fixed problem completed job # 1302-51

job # 0350-77

job # 1420-4

job # 0525-120-1

job # 1256-23

started job # 0822-85-1

Only a few problems with cell shift turned over to Dave Smith.

As copied at RTI 5/15/89 E.M.

SCIENTIFIC BAKERY PRODUCTS CHICAGO

SIGNATURE <i>M. Ayres</i>		DATE 4/5/89	
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE



April 5, 1989

(2)

Personnel David Smith  
Rich Steat  
Bill Busel

processed - 0350-77, 1178-14-1, 0822-85-2,  
0822-85-3. completed shields of powder.  
didn't load last two because I wasn't  
~~was~~ sure how to process it.  
all conditions normal. loaded 0822-85-4  
Read dosimeters. operations turned over  
to Mike Rosa.

As signed at PTE EAW 3/15/89

SCIENTIFIC BINARY PRODUCTS CHICAGO

SIGNATURE		DATE	
David Smith		4/5/89	
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE
M. Agnes			4/6/89



6-APR-89

3<sup>rd</sup> Shift

0001-0830 hrs.

Personnel: Mike Rosa  
Louis Carrero  
Rafel Gonzales.

Received Shift TWIN over from Dave Smith.

NOTE: The (2) remaining SKIDS of Job #  
1369-15-9 were loaded on this shift into  
Cell. Processed Job #'s 0822-85-3, 0822-85-4,  
0822-85-5, began processing Job #'s 0822-85-6,  
1178-14-2, and 0350-78.



all spread at 11:15/107  
2/3

SIGNATURE <i>M. Rosa</i>		DATE 4-6-89
DISCLOSED TO AND UNDERSTOOD BY <i>M. Rosa</i>	DATE	WITNESS DATE 4/6/89

TITLE

6-april 89

1st

PROJECT NO.

113

BOOK NO.

0800 to 1630

- Personnel-
- Mike Ayres
  - Jack Maximo
  - Gilbert Sorenson
  - Rich

Received shift turn over by the 3rd shift supervisor, Mike Ross, all appears to be normal at shift start. Did shipping and receiving, swept warehouse, charged forklifts, both lead/acid batteries were dead.

completed job# 0822-85-6

job# 1178-14-2

job# 0350-78

job# 0822-85-7

continued job# 1369-15-9 (off carrier)

started job# 9999-89 (static)

All logs completed, only a few malfunctions with cells. Worked on the monthly maintenance log, shift turned over to Dave Smith.

Accepted by P.D.-SNW-57579

SCIENTIFIC BAKERY PRODUCTS CHICAGO

SIGNATURE

*M. Ayres*

DATE

4/6/89

DISCLOSED TO AND UNDERSTOOD BY

DATE

WITNESS

DATE

114

TITLE

PROJECT NO.

BOOK NO.

Lined area for notes or entries.

SCIENTIFIC MINGERY PRODUCTS CHICAGO

SIGNATURE			DATE
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE

April 6, 1989

Personnel David Smith  
Rich Stout  
Bill Russel

processed static 1364-15, taped off  
1302-51, ~~completed~~ <sup>started</sup> dose mixed 0525-120-2  
loaded 4/1052-181-1. cleaned warehouse ext.

Note: having problem with carriers #15, 17,  
and 7 slamming into collision devices. operations  
turned over to Mike Rosa.

as signed RTI 24/15/89

SCIENTIFIC BROTHER PRODUCTS CHICAGO

SIGNATURE <i>David Smith</i>		DATE 4/6/89
DISCLOSED TO AND UNDERSTOOD BY <i>M. Ayers</i>	DATE	WITNESS DATE 4/7/89

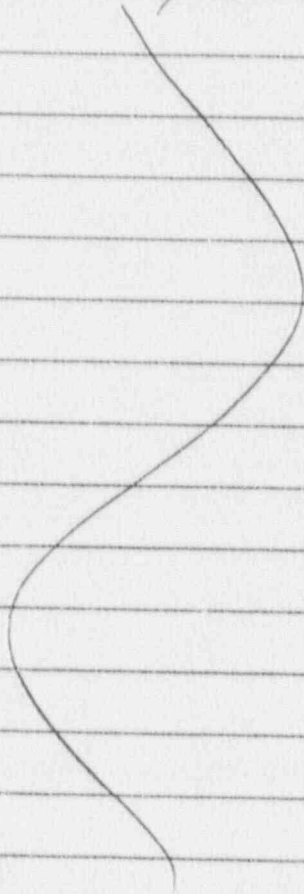
7-APR-89

3<sup>rd</sup> Shift

0001-0830 hrs.

Personnel: Mike Rosin  
Louis Carrero  
Rafael Gonzalez

Received shift turn over from Dave Smith.  
SIT performed, all safety interlocks functioning  
as normal. Processed job #'s 1052-181-2,  
1204-147-1, 1204-147-2, 1204-147-3. Warehouse swept,  
trash emptied. NOTE: The maze door was  
latching properly. Cell swept out of white  
powder all over the floor. Truck<sup>32</sup> tractor trailer  
of CB Crystal off loaded and loaded. Shift  
turned over to Mike Ayres



all equipment  
5/5/89  
5/5/89

SIGNATURE		DATE	
<i>M. Rosin</i>		4-7-89	
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE
<i>M. Ayres</i>			4/8/89

FILE  
4/7/89

12th

- Personnel:
- M. Cyrus
  - Jack Masino
  - Rich Dwyer
  - Gilbert Sorenson
  - Rich

Shift turned over by the 3rd shift supervisor Mr. Ross. Did shipping & receiving, swept warehouse, added water to forklifts.

completed job # 9999-89

job # 1204-147-4

job # 1052-181-3

stacked job # 1421-28

loaded job # 1413-10-1

All logs completed, shift turned over to John Deighton

2nd 5-15-77  
 2nd 5-15-77

SCIENTIFIC BINDERY PRODUCTS CHICAGO

SIGNATURE <i>M. Cyrus</i>		DATE 4/7/89	
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE

7 April

2<sup>nd</sup>

Personnel

John Singleton  
Bill Russel  
Rich Stout

Shift turned over by the 1<sup>st</sup> shift Supervisor  
Mike Ayres,

Adjusted Keel guides to correct collision  
device malfunctions

Processed job # 1413-10-2, 1413-10-1,  
1421-28, 1369-16-1

Conducted security check of facility  
Conditions normal. Shift turned over to  
Bob Keim 3<sup>rd</sup> Shift Supervisor.

see copy at RTI SPW 5/5/89

SCIENTIFIC BINDERY PRODUCTS CHICAGO

SIGNATURE		DATE	
<i>John Singleton</i>		4-7-89	
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE
<i>[Signature]</i>			4/10/89

8 APR 89

3rd

0001-0500

Pussanuel - Bob Ken  
Joe Giancola

Completed job 1413-10-3, loaded & run  
job 1175-128, loaded job 1413-10-4. Performed  
S.I.T @ 0014, all S.A.T.

As signed by R.T.Z.  
4/8/89  
5/5/89  
E.P.W.

SCIENTIFIC BINDERY PRODUCTS CHICAGO

SIGNATURE <i>Robert S. Ken</i>		DATE 4/8/89
DISCLOSED TO AND UNDERSTOOD BY <i>M. Oym</i>	DATE	WITNESS DATE 4/8/89



TITLE

8 APRIL

2<sup>nd</sup>

PROJECT NO.

BOOK NO.

1600-0030

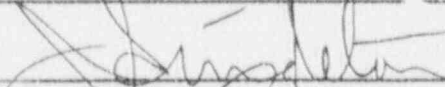
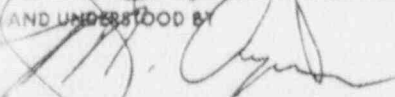
121

Personnel - John Singleton  
Rick Startt

Received Shift Turnover for Mike Ayres  
Conditions normal. Processed job # 1413-10-4,  
1051-48, 1051-49, 1413-10-5, 1369-16-2  
+1413-10-6. Completed security check

5/5/89 - as completed R.T.B. (R.T.B.)

SCIENTIFIC BINDERY PRODUCTS CHICAGO

SIGNATURE		DATE	
		4-9-89	
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE
			4/9/89

9 APR 89

3rd

4441-4834

Personnel - Bob Keim  
Joe Giacomola

Received shift turnover from John Sington.  
Completed jobs 1413-10-6, 1413-10-7, off-contract  
job #1369-16-3, loaded job Advanced Lobs job  
1401-18 in all, for 1ST. Several TLA &  
pounce-up malfunctions, nothing serious.  
Swept floors & emptied trash. Operations  
turned over to Mike Lora. All secure

Keim  
5/5/89  
2/2/89

SCIENTIFIC BINDER PRODUCTS CHICAGO

SIGNATURE <i>Robert S. Keim</i>	DATE 4/9/89	DATE 4/10/89
DISCLOSED TO AND UNDERSTOOD BY <i>M. Ogden</i>	DATE	WITNESS

9-Apr-89

1st shift

0800-1630 hrs

Personnel: Mike Rosa

Louis Carrero

Rafel Gonzales

Received shift turnover from Bob Keim. all systems functioning normal. Warehouse floor dust mopped, trash emptied. processed job #'s 1401-18, continue with static work # 1369-16-3, 1369-16-4, 1379-23. Shift turned over to John Singleton

Approved by  
5/15/89  
EJW

SCIENTIFIC BINDER PRODUCTS CHICAGO

SIGNATURE <i>M. Rosa</i>		DATE 4-9-89
DISCLOSED TO AND UNDERSTOOD BY <i>M. Rosa</i>	DATE	WITNESS DATE 4/10/89

TITLE

9 APRIL 89

2nd SHIFT

PROJECT NO.

BOOK NO.

1600-0030

123

Personnel : John Singleton  
Rich Stout

Received shift turnover from Mike Rosen, conditions normal. Processed 1369-16-4, 1178-14-3, topped off 1421-28, 1379-23 loaded + started 1445-1. Shift turned over to Bob Keim at 2030 hrs.

As copied at 11:11 AM 4/10/89

SCIENTIFIC BAKERY PRODUCTS CHICAGO

SIGNATURE <i>J Singleton</i>		DATE 4-9-89
DISCLOSED TO AND UNDERSTOOD BY <i>[Signature]</i>	DATE	WITNESS DATE 4/10/89

9-10 APR 89

3rd

2030-0830

Personnel - Bob Kim

Received shift turnover from John Singleton. All systems normal ATT. Completed job 1445-1-1, 1369-16-4, 1369-16-5, 1369-16-6. S.T.T performed @ 0825. General cleaning done. Operations moved over to Mike Agnes.

As signed at RIT  
 4/10/89

SCIENTIFIC BINDER PRODUCTS CHICAGO

SIGNATURE <i>Robert S. Kim</i>	DATE 10 APR 89
DISCLOSED TO AND UNDERSTOOD BY <i>M. Agnes</i>	DATE 4/10/89
WITNESS	DATE

4/10/89

1st

PROJECT NO.

125

BOOK NO.

0800 to 1630

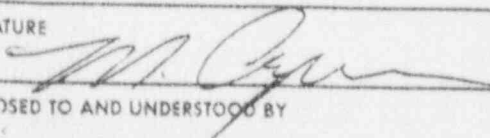
Personnel - Mike Ayres  
 - Gilbert Sorenza  
 - Rick E. Robinson

Received shift turnover by the 3rd shift supervisor Bob Heim. All is normal at shift start. Started the weekly maintenance log, did shipping and receiving, charged for trucks, started training operator trainee Rick Robinson on the weekly maintenance.  
 completed off carrier work job # 1369-16-7  
 started job # 0740-930-1  
 loaded job # 0740-930-2  
 Cut off part of bit guide in cell, so we can get pallets, part it, for off carrier work, all logs completed, shift turned over to the 2nd shift supervisor Mike Pose.

Completed by Mike Ayres  
4/10/89

SCIENTIFIC BAKERY PRODUCTS CHICAGO

SIGNATURE



DATE

4/10/89

DISCLOSED TO AND UNDERSTOOD BY

DATE

WITNESS

DATE

126

TITLE

PROJECT NO.

BOOK NO.

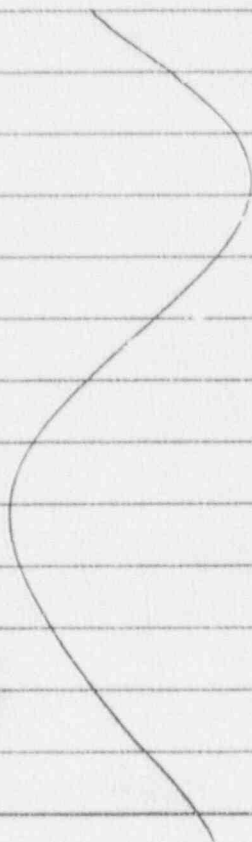
10 - Apr - 89

2nd Shift

1600-0030hrs

Personnel: Mike Rosa  
Lewis Carrero  
Rafael Gonzales

Received Shift Turn over from Mike Ayres  
All systems appear normal. Material handlers  
working on cleaning light fixtures and  
general cleanup. Security checks completed,  
times recorded into Security check Log book.  
Processed Job #'s 0740-930-1, 0740-930-2, 1427-5,  
1429-4. Loaded up job # 0831-485, 2345, Carrier  
Derailement in Cell, got carrier out of cell and  
mounted at unloading station, Cell having  
a problem with start up, no alarm is showing



Completed  
5/5/89  
RPA

SCIENTIFIC BINDERY PRODUCTS CHICAGO

SIGNATURE <i>M. Rosa</i>		DATE 4-10-89
DISCLOSED TO AND UNDERSTOOD BY <i>M. Ayres</i>	DATE	WITNESS
		DATE 4/11/89

4/11/89

1st

BOOK NO.  
0800 to 1630

- Personnel:
- Mike Ayres
  - Dick Syrett
  - Mike Marino
  - Gilbert Sorensen
  - Dick Robinson

Received shift turn over by the 3rd shift supervisor Bob Heim, all appears normal at shift start. New key switch is working properly. Did shipping and receiving, swept warehouse changed locktombos.

completed job # 0740-931

job # 1369-16-8

started job # 0831-485

job # 1369-16-8 (off carrier)

loaded job # 0740-932-1

All logs completed, no major problems with cell, Shift turned over to the 2nd shift supervisor Mike Ross.

4/11/89  
 15:55  
 16:30

SIGNATURE <i>Mike Ayres</i>		DATE 4/11/89	
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE



TITLE

11-APR-89

PROJECT NO.

129

2nd Shift

BOOK NO.

1600-0030 hrs.

Personnel: Mike Rosa  
Louis Carrero  
Rafael Gonzales

Received Shift Turn over from Mike Ayres.  
Security checks performed, times recorded into  
Security Log book. Carrier # 15 taken out of  
Service as per John Singleton, Car # 12 put into  
Service. Maze & Cell swept out. Processed job  
#15 0740-932-1, 1369-16-9, 0747-173, 1051-50,

on copied at RTH  
5/15/87 EPL

RENTING BUREAU PRODUCTS CHICAGO

SIGNATURE		DATE	
M. Rosa		4-11-89	
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE
M. Ayres			4/12/89

12 APR 89

3rd

φφφ1-φ83φ

Personnel - Bob Kim  
Joe Giancola

Received shift turnover from Mike for a  
finished processing job φ74φ-73 + 1051-5φ. Ran  
jobs φ74φ-933/φ φ74φ-932-2, φ74φ-433  
φ897-81. Swept warehouse & stairs, straightened  
out breakroom. Removed some old flyers &  
wires from ceiling.

W. [unclear] at [unclear]  
5/5/89

SCIENTIFIC BINDERY PRODUCTS CHICAGO

SIGNATURE <i>Robert S. Kim</i>		DATE 12 APR 89
DISCLOSED TO AND UNDERSTOOD BY <i>M. Ayas</i>	DATE	WITNESS DATE 4/12/89

1/12/89

1st

0800 to 1630

Personnel - Mike Byrne  
 - Jack Massimo  
 - Gilbert Soranzo

Received shift turnover from the 3rd shift supervisor Bob Keiser. All appears normal at shift start. Did shipping and receiving, swept warehouse, charged forklifts. I remounted start up key switch on cell, so the top pipe box does not come apart from the piping. Completed safety interlock test, all interlocks are properly functional.

completed job# 0897-81  
 job# 1429-1  
 job# 1051-50

started job# 0747-174

completed job# 0822-86 (intermediate time)

All logs completed, no problems with cell. Also stamped 11 pallets of glass. Shift turned over to Dave Smith.

As reported by EFW  
5/15/89

SCOTT'S BAKERY PRODUCTS CHICAGO

SIGNATURE <i>Mike Byrne</i>		DATE 4/12/89
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS
		DATE

132

TITLE

PROJECT NO.

BOOK NO.

SCIENTIFIC BINDERY PRODUCTS CHICAGO

SIGNATURE		DATE	
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE

April 12, 1989

Resume David Smith  
Rick Stout

completed 0747-174, 0822-86 top off.  
0791-487-1. had more down time than  
expected because of water spillage  
from 55 gal. drum on warehouse floor  
and control room. Cat's pump running  
continuous through out shift. all  
conditions normal. started loading  
~~074~~ 0791-487-2. Mike Rosa called at  
1205, said he is sick. the other two  
guys didn't show. Rick Stout  
couldn't stay to help finish. Inge-Phon  
the 3 carriers loaded may have to be  
re-used. security check complete.

As copied by AT I  
5/15/89 FSW

REPTIC BINDER PRODUCTS CHICAGO

SIGNATURE David Smith		DATE 4/12/89
DISCLOSED TO AND UNDERSTOOD BY M. Cyprien	DATE	WITNESS DATE 4/13/89

4/13/89

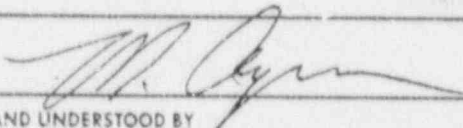
1st

0000 101630

- Personnel - Mike Ayers
- Jack Mann
- Rich Oquell
- Gilbert Soranzo
- Rich Fabrician

Completed safety interlock test, all interlocks are properly functional. Note: 2nd shift supervisor should have called John R., John D. or myself to cover 3rd shift, to complete job # 0791-487-2. Also note job # 0791-487-1 cartons upside on pallets and some ctors piled off, stamps on ctors is wrong. Did shipping, receiving, cleaned warehouse. At 1019 cell dropped, computer screen ~~was~~ <sup>is</sup> showed source down, and the showed source up, when the cell was really in the down position. I checked all source up micro-switches, and also checked source down micro-switches. Also note that Paul Dharjio was with me at all times. I couldn't locate problem, I informed John Singleton about problem. John enter cell with Paul to locate problem. Problem with computer screen, was a grossy problem. This problem was also ~~also~~ brought up to John Russana attending. John stated that the problem had to do with the computer screen not up during the problem (continued on page 135)

SCIENTIFIC BINDERY PRODUCTS CHICAGO

SIGNATURE 		DATE 4/13/89
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS Accepted by STW EAW

continued from page# 134  
completed job# 0791-487-2

job# 0782-29-1

job# 1042-907

job# 1426-9-1

started job# 1426-9-2

loaded job# 1426-9-2

No problems with cell, all logs  
are completed, shift turned over to  
Dave Smith

As signed by [Signature]

SCIENTIFIC BINDERY PRODUCTS, CHICAGO

SIGNATURE <i>Mike Ayres</i>		DATE 4/13/89
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS DATE





TITLE

4/13/89

2

PROJECT NO.

137

BOOK NO.

Personnel Journal - Smith & Hill Street

Processed - 1426-9-3, 1337, 36, 1421-29, 0282-29-2, 1426-9-4, 1427-6.

all conditions normal. received shipment of drums. Earth pump running throughout shift. Performed radiological ~~to~~ survey of DF. Good desimeter. operations Journal over to Mike Rosa

As copied at RTFA 5/15/89

REXTRON BATTERY PRODUCTS ENGAGE

SIGNATURE <i>David Smith</i>		DATE	
DISCLOSED TO AND UNDERSTOOD BY <i>M. Oryes</i>	DATE	WITNESS	DATE 4/14/89

14-APR-89

3rd Shift

0001-0230 hrs

Personnel: Mike Ross

Rafael Gonzales

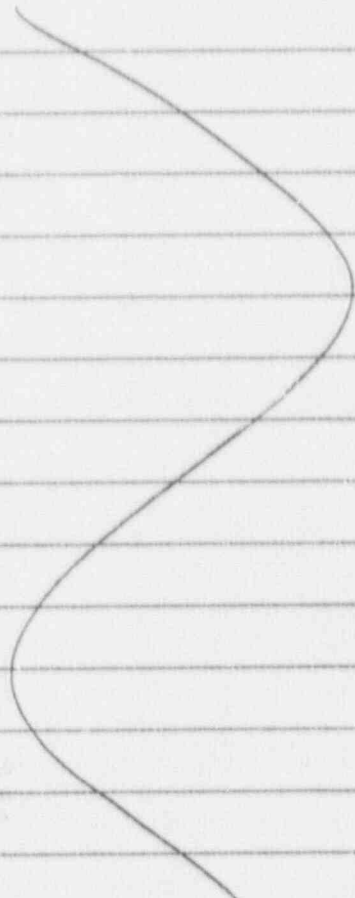
Received Shift Turn over from Dave Smith.

Note: Louis Carrero is out sick tonight.

SIT completed, all safety interlocks are functioning as normal. Warehouse swept & cleaned, trash emptied, PM checks continued, recorded into PM Log book. Material Handle:

Continued stamping CTNS of glass, Read diameters.

0730; truck arrived to drop off CB Crystal and to pick-up same. Processed Job #'s 1421-29 and 1427-6. Shift turned over to Mike Ayres.



Received by  
5/13/89  
M/R

SCIENTIFIC BODERT PRODUCTS CHICAGO

SIGNATURE		DATE	
M. Ross		4-14-89	
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE
M. Ayres			4/14/89

TITLE

PROJECT NO.

139

BOOK NO.

0800 to 1630

14 April 89

1st

- Personnel - Mike Ayres
- Jacky Masina
- Gilbert Sorrenzo
- Rich Robinson

Received shift turnover by the 3rd shift supervisor Mike Lake. All appears normal at shift start. Did stripping and receiving. Cell down most of shift, locksmith came in and replaced door handle (knob) on cell door, also John Russer and myself replaced electronic lock latch, with a new one, safety interlock test was completed, all interlocks are properly functional. Material handlers continued to stamp pallets of brass. Maintenance man Frank Laird Rich Ayres worked on brakes of t-1 older forklift. All conditions are normal, John Singleton stated provisioning atake jobs. Shift turned over to Dave Smith.

as copy of 5/1/89 SW

SCIENTIFIC BIRDLEY PRODUCTS CHICAGO

SIGNATURE

*Mike Ayres*

DISCLOSED TO AND UNDERSTOOD BY

DATE

WITNESS

DATE

HEAVY DUTY KNOB  
INSTALLED 4/14

BY

4/14/89



4/14/89

PROJECT NO.

BOOK NO.

141

2

Personnel David Smith  
Rich Stout

Processed 1241-5, loaded 0240-935  
all conditions normal. Loaded  
two trucks with later resulted in  
some down time because forklift  
battery was dead, and unable to  
load drums. operations turned over  
to Bob Heim.

as copied at RTF  
5/15/89 EPL

METRIC MURPHY PRODUCTS CHICAGO

SIGNATURE

David Smith

DATE 4/10/89

DISCLOSED TO AND UNDERSTOOD BY

MCA

DATE

WITNESS

DATE 4/10/89

4/15/89

Personnel David Smith  
Rich Hunt

process - 0740-131, 0892-82-3  
having problems keeping sources up  
maintaining roads got in place  
called Mike Ayres, said transfers have  
to be in lone position. security check  
complete.

as copied at PTF  
5/15/89 EPLW

SCIENTIFIC BINDERY PRODUCTS CHICAGO

SIGNATURE <i>David Smith</i>		DATE 4/15/89
DISCLOSED TO AND UNDERSTOOD BY <i>Mike Ayres</i>	DATE	WITNESS DATE 4/18/89

SIGNATURE

*John S. ...*

DISCLOSED TO AND UNDERSTOOD BY

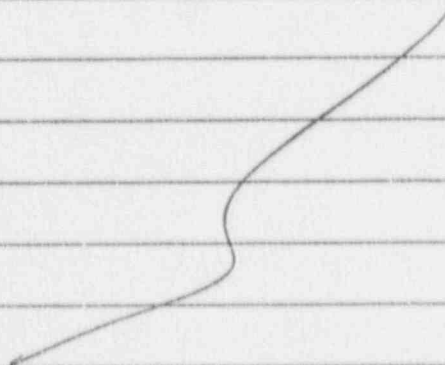
DATE

WITNESS

DATE

4/24/84  
4/21/84

*Completed at 5/5/84*



Received shift transfer from Dave Smith  
Completed job 1413-12-7, 1052-181-4 thru 6  
shipment job 1421-31 in all containers with  
jobs 1369-17 + 1446-1. Reported lower limit  
analysis for lower-up due to error. Sample  
collected + EPA change during shift before  
transfer to responsible for next collection  
change. Completed S.I.T. @ 443. All keys  
removed - questions toward cover in Mike Ayres

Received. Pot Rain  
for Crawler  
Mike Kramery

PROJECT NO. 0001-0830  
BOOK NO.

3rd

TITLE

170

4/24/84

TITLE

4/24/89

1st

PROJECT NO.

171

BOOK NO.

08600 to 1630

Personnel- Mike Oyer  
 - Rich Dypelt  
 - Gilbert Sorenson

Received shift turn over by the 3rd shift supervisor Bob Heim, all appears normal at shift start. Started the weekly maintenance log, did shipping and receiving, swept warehouse, emptied garbage. Down from 1207 hours due to cell maintenance, I replaced the belts on the ventilation system, and John Singleton worked in the cell replotating the bit guides that are over the pool,

completed job # 1421-31

job # 1052-181-7

job # 1052-181-8

loaded job # 1030-129

job # 1337-37

Cell is still down at end of shift, no major problems with all, shift turned over ~~to~~ to the 2nd shift supervisor Mike Rosen

accepted P.I.F.  
 MW 3 18189  
 5/1/89

SIGNATURE

Mike Oyer

DATE

4/24/89

DISCLOSED TO AND UNDERSTOOD BY

DATE

WITNESS

DATE



172

TITLE

PROJECT NO.

BOOK NO.

24-APR-89

2nd Shift

1600-0030 hrs.

Personnel: Mike Rosa  
Lou Carrero  
Rafael Gonzales

Received shift turn over from Michael Ayres.  
Security checks performed, Times recorded into  
Security Check Log book. Processed Job #5 1030-129,  
1337-37, Loaded up 0740-937, continued off carrier  
Job # 1369-17-11. Warehouse cleaned pr. instructions.  
Shift turned over to Bob Kerin.



Assigned at PTF  
5/15/89  
[Signature]

SCIENTIFIC BINDERY PRODUCTS CHICAGO

SIGNATURE		DATE	
M. Rosa		4-24-89	
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE

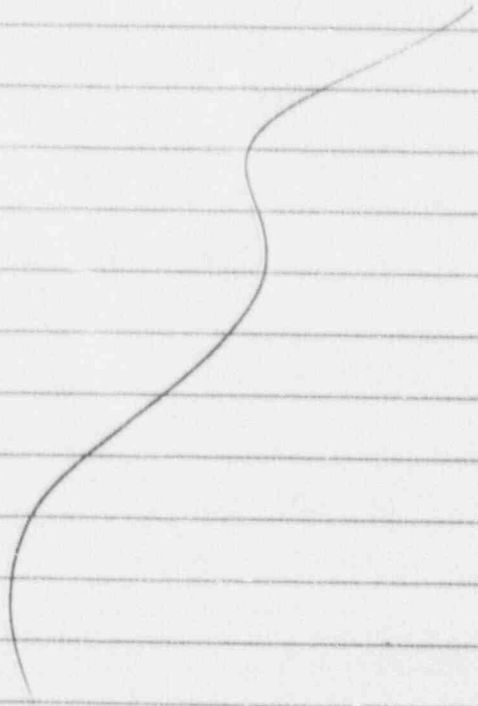
25 APR 89

3rd

0001 - 0830

Personnel - Bob Keen  
Joe Giannola  
Mike Kearney

Received turnover from Mike Asa. Performed S.I.T. @ 0019, all interlocks sat. No pocket dosimeter issued to Mike Kearney as per Plan 5. Processed jobs 0740-937, 1413-12-67, 1411-18-4 continued off carrier job 1369-17-11. Loaded job 1411-18-5. Warehouse, broom room & stairway swept. Mapped, breakroom, emptied trash cans. All site manual operations turned over to Mike Asa.



as copied at 1515  
5/15/89

SCIENTIFIC BINDER PRODUCTS CHICAGO

SIGNATURE <i>Robert S. Keen</i>	DATE 25 APR 89		
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE

174

TITLE

PROJECT NO.

BOOK NO.

4/25/89

1st

0800 to 1630

Personnel - Mike Oyas  
 - Gilbert Sorenzo  
 - Rich Oppelt

Received shift turnover from the 3rd shift supervisor Pat Heim, all appears normal at shift start. Did shipping and receiving, swept warehouse, emptied garbage, continued clean up of outside, ran state jobs most of shift

completed job # 1413-12-7

job # 1411-18-5

started job # 0875-280 (state)

job # 1051-53 (state)

job # 1369-17-12 (off carrier)

loaded job # 1445-2 (2-dose map)

job # 0831-489 (dose map)

All logs completed, shift turnover to the 2nd shift supervisor Mike Rose.

accepted by  
 Mike Oyas  
 4/25/89

SCIENTIFIC BINDERY PRODUCTS CHICAGO

SIGNATURE <i>Mike Oyas</i>		DATE 4/25/89	
DISCLOSED TO AND UNDERSTOOD BY <i>Mike Oyas</i>	DATE	WITNESS	DATE

TITLE

PROJECT NO.

175

4-25-89

2nd Shift

BOOK NO.

1600-0030 hrs.

Personnel: Mike Rosa  
Louis Cariero  
Rafael Gonzales.

Received shift turn over from Mike Ayres. Security checks performed, Times recorded into Security Check Log book. Processed job#s 1445-2, 0831-488, 0831-489, 1411-18-3, Continued static job# 1369-17-13. Warehouse cleaned, Shift turned over to Bob Kevin.

As copied at RTI  
5/15/89 EPC

RETRON BLDG PRODUCTS CHICAGO

SIGNATURE		DATE	
<i>M. Rosa</i>		4-25-89	
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE
<i>M. Rosa</i>			4/26/89

176

TITLE

PROJECT NO.

BOOK NO.

0001-0830

26 APR 89

3rd

Personnel - Bob Keim  
Joe Ciurcyla

Received shift turnover from Mike  
Laso. Mike Kearney will not be in tonight,  
as per Mike Laso, received call stating car  
trouble. Mike Kearney arrived @ 0030. Performed  
S.I.T. @ 0044, all normal. Saw lumberhead job  
1426-10-1 thru 6, 0831-488, 0831-489, continued  
off carrier job 1369-17-13. Due to start dwell  
times, no clean up done. All else normal.  
Operations turned over to Mike Ayres



As per the TBI  
5/5/89  
EPA

SCIENTIFIC BAKERY PRODUCTS CHICAGO

SIGNATURE <i>Robert S. Keim</i>	DATE 4/26/89	WITNESS DATE 4/26/89
DISCLOSED TO AND UNDERSTOOD BY <i>Mike Ayres</i>	DATE	WITNESS

TITLE

4/26/89

*W. Ayres*

1st

PROJECT NO.

177

BOOK NO.

0800 to 1630

Personnel - - Mike Ayres  
 - Rich O'Connell  
 - Gilbert Sorenzgo

Received shift turnover from the 3rd shift supervisor but Klein, all is normal at shift start. Continued working on the weekly maintenance log, swept warehouse, changed forktrucks, did some shipping and receiving. Rich O'Connell left at 1045 hours to take his son to the hospital, and Gilbert Sorenzgo left at 1430 hours.

completed job# 1369-1713 (off carrier)

- job# 1426-10-5
- job# 1426-10-6
- job# 0831-488
- job# 0831-489
- job# 1431-2 (static)
- job# 1051-54 (static)

started job# 0747-176

Ran static most of day, no problems with cell, shift turned over to Dave Smith

as copy of PTF  
 5/15/89 5:10

SCIENTIFIC BAKERY PRODUCTS CHICAGO

SIGNATURE <i>Mike Ayres</i>		DATE 4/26/89	
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE

April 26, 1984 2

Personnel David Smith  
Rich Stout  
Austin Beetle

processed - 0747-124, 0791-489-1  
1268-44-1, loaded - 0791-489-2.  
A 55 Gal ~~the~~ drum accidentally fell  
from a top shelf of cabinet, the  
lid came loose and all the water  
spilled. Completed Radiological  
Survey of DT System. Read Maxwell  
dosimeter.

Accepted at RTH  
5/5/89  
7/26/89

SCIENTIFIC BINDERY PRODUCTS (SMB):

SIGNATURE		DATE	
David Smith		4/26/84	
DISCLOSED TO AND UNDERSPOOD BY	DATE	WITNESS	DATE
Mike Ryan			4/27/89

ITLE

PROJECT NO.

179

27-APR-89

3rd Shift

BOOK NO.

0001-0030hrs.

Personnel: Mike Rosa  
Louis Carrero  
Rafael Gonzales.

Received Shift Turn over from Dave Smith.

SIT performed at 0210 hrs., all safety interlocks are functioning as normal. Processed Job#s: Finished processing 0791-489-2, processed 1268-44-2. Note: NO CB Crystal Skid was in cell at start of shift. Warehouse was very messy, Material Handlers cleaning up.

Note: Rich Oppelt called out sick at 0700hrs.

Began Glass Job# 1042-93, 2-9. Shift Turned over to Mike Ayles.

as oppelt  
5/15/89  
5PW

RECYCLING BINDER PRODUCTS CHICAGO

SIGNATURE		DATE	
M. Rosa		4-27-89	
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE
Mike Ayles			4/27/89



4/27/84

2

Personnel David Smith  
Rich Stout  
Francisco Albarado

Received Shift from John Singleton.  
processed - 1411-14-1 Started Run 2  
Performed a SIT, all interlocks functioning  
normal. general warehouse duties  
performed. all conditions normal.  
operations turned over to Mike Rosa

wa copied at VTI  
5/15/84 EPL

SCIENTIFIC BINDERY PRODUCTS CHICAGO

SIGNATURE	David Smith		DATE 4/27/84
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE

FILE

4/28/89

2

PROJECT NO.

BOOK NO.

185

Personnel David Smith  
 Rick Stout  
 Austin Bettle  
 Francisco Alvarado

Received Shift from Ryan John Singleton  
 processed 1125-130. Set up third  
 shift for processing. Worked with  
 operator trainee Austin Bettle on  
 placing dosimetry, ~~log~~ system, and  
 computer. Swept and mopped floor.  
 all conditions normal.

as copied at ATF  
 5/15/89 EFW

SCIENTIFIC BINDERY PRODUCTS CHICAGO

SIGNATURE <i>David Smith</i>		DATE 4/28/89
DISCLOSED TO AND UNDERSTOOD BY <i>Mike Green</i>	DATE	WITNESS DATE 5/2/89

182

TITLE

PROJECT NO.

BOOK NO.

28-APR-89

3rd Shift

0001-0230 hrs

Personnel: Mike Rossi  
 Lewis Carrero  
 Rafael Gonzalez  
 Joe Giancola

Received Shift turn over from Dave Smith.  
 Joe Giancola working this shift tonight to assist  
 with Glass processing. SIT was performed by  
 Dave Smith, all Safety interlocks were  
 functioning as normal. Finished processing  
 Job # 1411-19-2, processed glass Job # 1042-92-  
 Skids 1-16. Shift turned over to Mike Nyles

Approved by  
 JCF  
 5/5/89  
 EPW

SCIENTIFIC BINDERY PRODUCTS CHICAGO

SIGNATURE <i>M Rossi</i>	DATE 4-28-89
DISCLOSED TO AND UNDERSTOOD BY	DATE
DATE	DATE

ITLE

4/28/89

1st shift

PROJECT NO.

183

BOOK NO.

0600 to 1630

Personnel Mike Cyrus

- Gilbert Sorenzgo

Received shift turnover by the 3rd shift supervisor Mike Rose, all appears normal at shift start. Continued processing # 1042-92 off carrier. Material handler Rich O'Connell called in sick at 0700 hours. Did shipping & receiving, swept warehouse, continued cleanup of outside. Note: at 0843 hours the power dropped due to the end of a state job. I cleared the RMS II, John Singleton then tried to enter the cell by using key in the key switch on the side of the cell door, the lock solenoid did not allow entry, John Singleton then tried the E-stop, but that didn't work, I then called John Russer who was in his office and I explained to him the problem we were having. He said he would be down in a few minutes and for John Singleton and myself do not try and enter the cell until ~~he~~ ~~was~~ he was there. When John Russer came down, he asked for John Singleton to open the gate by using the door knob key, John I did so, and John Russer asked me to do a survey of the cell, which I did, the cell was clear. John Singleton took off the electric door opener

as c. 2/27/89 (500)

Continued on page 184

SIGNATURE Michael Cyrus		DATE 4/28/89	
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE

continued from page # 183

and tried to test the opener, it would not work when using the key and also would not work while using the key. John Singleton used a multimeter to check the electrical current, he also checked wiring to the electric door opener, and found a possible loose wire. John Singleton replaced the electric door opener with a new one, same make and model #, he rewired it and it operated properly. A safety interlock test was completed and all interlocks are properly functional.

All good at RTF  
 4/28/87

SCIENTIFIC BAKERY PRODUCTS CHICAGO

SIGNATURE <i>Michael [Signature]</i>		DATE 4/28/87
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS
		DATE

TITLE

5/2/89

1st

Personnel Mike Ryan  
 - Jack Maxins  
 - Jeffrey Sorenson  
 - Todd Becka

Received shift turnover from the 3rd shift supervisor Bob Pein, all appears normal at shift start. Did shipping and receiving, swept warehouse, charged forklift. Started the weekly maintenance log.

completed job # 1359-3-4

job # 1359-3-5

job # 1359-3-6

started job # 1359-3-7

Note at 7441 hours John Busson and Jess U. tested the emergency cable in cell, and also tested the Rms II probe, by moving the check source near to the inner probe, to set off alarm and check to make sure key switch stayed locked, which it did. Also they tested the Rms II probe to see if it would fail, by removing check source and if the probe failed if an operator would be able to get into the cell. All logs completed no problems with cell shift turned over to the 2nd shift supervisor Mike Pass.

Get entry on page # 196

SCIENTIFIC BINDERY PRODUCTS CHICAGO

SIGNATURE

Michael Ryan

DATE 5/2/89

DISCLOSED TO AND UNDERSTOOD BY

DATE

WITNESS

DATE

or copied RT# 5/5/89 SPW (2 pages)

continued from page # 195

Also note, that when I moved ~~switch~~ the  
check source closer to the probe, I came out  
and closed the cell gate. The RSO for John  
Russen, had to use the master key to  
open the cell door. Tass V. was present  
during this time, these tests were done between  
1442 hours and 1500 hours

John Russen



SCIENTIFIC BINDERY PRODUCTS CHICAGO

SIGNATURE		DATE	
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE
<i>Mike [unclear]</i>			5/2/89

SOURCE MOVEMENT LOG

CODES: SIT (SAFETY INTERLOCK TEST)  
 SOR (START OF RUN)  
 EOR (END OF RUN)

PS (PLACE STATIC)  
 TS (TURN STATIC)  
 RS (REMOVE STATIC)  
 OR (OFF COLLISION)

DATE	TIME DOWN	TIME UP	REASON	INITIAL
4/10/89	0844	0925	FOR/TS	ms
4/10/89	1234	1347	RS/SOR & OC	ms
4/10/89	1407	1410	collision device / continue run	ms
4/10/89	1511	1515	collision device / continue run	ms
4/10/89	1515	1518	CIA / continue run	ms
4/10/89	1659	<del>1852</del> 1715	EOR / SOR	OR
4/10/89	1852	1924	TS	OR
4/10/89	1929	1932	TIA / continue run	OR
4/10/89	2054	2106	EOR / SOR	OR
4/10/89	2133	2137	TIA / continue run	OR
4/10/89	2310	2331	EOR / top off	OR
4/10/89	2343	2345	collision device / continue run	OR
4/10/89	2345	2348	collision device / continue run	OR
4/10/89	2348	0038	CIA / continue run	OR
4/11/89	0038	0751	SIT for T18 / continue run	OR
4/11/89	0752	0754	SIT	OR

NOTES: ALL STATIC CODES MUST BE FOLLOWED BY STATIC RUN NUMBER.  
 ALL MALFUNCTIONS MUST INDICATE COMPONENT PROBLEM.

no record at RTI  
 5/15/89 EPH  
 (1 page)



SOURCE MOVEMENT LOG

CODES: SIT (SAFETY INTERLOCK TEST)  
 SOR (START OF RUN)  
 EOR (END OF RUN)

PS (PLACE STATIC)  
 TS (TURN STATIC)  
 RS (REMOVE STATIC)

DATE	TIME DOWN	TIME UP	REASON	INITIAL
4/11/89	0755	0800	S.I.T. / CONTINUE RUN	BK
4/11/89	0854	1042	collision derrick / ongoing continue run	ms
4/11/89	1050	1054	static derrick complete / continue run	JW
4/11/89	1119	1243	EOR / PS / SOR	ms
4/11/89	1600	1620	EOR / SOR	R
4/11/89	1622	1624	Pull Caten / CONTINUE RUN	R
4/11/89	1704	1711	Collision derrick / Continue Run	R
4/11/89	1746	1758	TS	R
4/11/89	1805	1808	TIA / Continue Run	R
4/11/89	1930	1931	TIA / Continue Run	R
4/11/89	1952	2016	EOR / SOR	R
4/11/89	2308	2324	RS / CONTINUE RUN	R
4/11/89	2341	2349	EOR / TOP OFF	R
4/12/89	0106	0119	EOR / S.O.R + S.I.T.	BK
4/12/89	0120	0121	S.I.T.	BK
4/12/89	0122	0126	S.I.T. / CONTINUE RUN	BK

NOTES: ALL STATIC CODES MUST BE FOLLOWED BY STATIC RUN NUMBER.  
 ALL MALFUNCTIONS MUST INDICATE COMPONENT PROBLEM.

IRRADIATOR LOG

START STOP	DATE DATE	START STOP	TIME TIME	BATCH NUMBER	DWELL	FUN CLOCK	REMARKS
4/10/89		0825		1369-16-5	90 MIN	3376.0	SK
4/10/89		0822					
4/10/89		0816		1445-1-1	13 MIN 6 SEC	3377.5	SK
4/10/89		0817					
4/10/89		0833		1364-16-6	90 MIN (2)	3379.5	SK
4/10/89		0845					
4/10/89		0815		1369-16-7 SK	2 MIN 30 SEC 90 MIN SK		
4/10/89		0844		0525-12-2	(2)	3382.5	SK
4/10/89		0925		1369-16-7	180 min	3382.9	JW
4/10/89		1234				3383.5	
4/10/89		1347		0740-930-1	19 min 20 min		
4/10/89		1659		1369-16-8 (OFF)	18 SEC	3385.9	mt
4/10/89		1715		0740-930-2	20 min		
4/10/89		2054		1369-16-8 (OFF)	18 SEC	3388.9	R
4/10/89		2106		0740-931	13 min		
4/10/89		2310		1427-5 1429-4	18 SEC	3392.0	R
4/10/89		2331		0740-931	11 min		
4/10/89		1119		0429-4 1369-16-8 (OFF)	6 SEC	3394.0	R


Ad copied out RTI  
5/15/89 EPLW  
(2 pages)

IRRADIATION LOG

START STOP	DATE DATE	START STOP	TIME TIME	BATCH NUMBER	DWELL	RUN CLOCK	REMARKS
4/11/89		1243		0831-485	22 min	3395.7	MA
4/11/89		1606		1365-16-9	48 sec		
4/11/89		1620		0740-932-1	20 min		
4/11/89		1952		1364-16-9 (OFF)	16 sec	3399.1	GR
4/11/89		2016		0747-173 1051-50	21 min	3402.2	GR
4/11/89		2341					
4/11/89		2349		0747-173 1051-50	8 min	3405.3	GR
4/12/89		0106			36 sec		
4/12/89		0119		0740-932-2	20 min	3406.6	BK
4/12/89		0429		0740-932-2	18 sec		
4/12/89		0443		0740-933 (TOP OFF)	4 min	3409.7	BK
4/12/89		0520			6 sec		
4/12/89		0537		0897-81	20 min	3410.3	BK
4/12/89		0838			6 sec		
4/12/89		0901		1439-1	5 min		
4/12/89		0946		1051-50	29 min	3413.3	MA
4/12/89		1030		0823-86	48 sec		
4/12/89		1033		0747-174		3414.1	MA

PROCESS TECHNOLOGY NORTH JERSEY  
Subsidiary of RTI Inc.

MEMO

TO: RSO FILE  
FROM: JOHN RUSSEN   
DATE: 5/9/89  
SUBJECT: NRC VISIT

=====

ON 5/5/89 MARLENE TAYLOR AND ERNEST WILSON OF NRC REGION 1 VISITED THIS FACILITY. MARLENE STATED THAT THE REASON FOR THE VISIT WAS TO GO OVER OUR RECORDS THAT WERE MENTIONED DURING THE APRIL 26 1989 ENFORCEMENT CONFERENCE MEETING.

THE FOLLOWING IS IS A LIST OF THE RECORDS THEY REVIEWED.

OPERATORS LOGS:

8/8/88 TO 12/16/88  
1/21/89 TO 3/1/89  
3/1/89 TO 5/5/89

OPERATORS INSTRUCTION LOG:

12/8/88 TO 1/21/89  
12/16/88 TO 4/11/89  
4/11/89 TO 5/5/89

SOURCE MOVEMENT LOG:

12/7/88 TO 4/15/89  
4/15/89 TO 5/5/89

IRRADIATOR LOG:

11/30/88 TO 5/5/89

MIDNIGHT DWELL LOG:

2/22/89 TO 5/5/89

COMPUTER PRINT-OUTS:

JAN 1989 TO MAY 1989

TRAINING FILES:

M. AYRES  
D. SMITH  
M. ROSA  
B. KEIM  
W. MEDINA  
J. GIANCOLA

PERSONNEL FILES:

M. AYRES  
D. SMITH  
M. ROSA  
B. KEIM

MARLENE TAYLOR MADE COPIES FROM EACH OF THE LOGS AND PRINT-OUTS. I HAVE DUPLICATE COPIES OF EVERY ITEM THAT WAS COPIED.

COPIES WERE REVIEWED BY PAUL SHAPIRO, TASS VARAKLIS AND JOHN RUSSEN.

MARLENE DID NOT DISCUSS THE ENFORCEMENT MEETING AT ALL, SHE OFFERED THE SUGGESTION THAT WE REQUEST SOME STANDARD DOSE REPORTING FORMS FROM THEM RATHER THAN GOING TO THE TROUBLE OF MAKING OUR OWN. SHE DID ASK SOME QUESTIONS CONCERNING THE COMPUTER PRINT-OUTS, IN PARTICULAR WHY DOES THE COMPUTER PRINT "SAFETY INTERLOCKS INTERRUPTED". I WAS NOT SURE OF THE CONDITION THAT WOULD CAUSE THIS AND WOULD HAVE TO GET BACK TO HER. SHE ALSO ASKED TO GET A COPY OF THE RADIATION PROTECTION COMMITTEE MEETING SUMMARY. I INFORMED HER THAT THE MEETING HAD TAKEN PLACE THE DAY BEFORE AND THAT THE SUMMARY HAD TO BE REVIEWED BEFORE I COULD GIVE HER A COPY. SHE ASKED THAT I SEND THIS TO HER WHEN IT IS COMPLETE.

I QUESTIONED ERNEST ON HIS CAPACITY WITH THE NRC HE INDICATED THAT HE WAS NEW AND HIS BACKGROUND WAS INVESTIGATIVE.

cc. J. SCANDALIOS  
F. SHAPIRO  
T. VARAKLIS