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LOUISIANA DIVISION INDUSTRIAL HYGIENE REPORT**AN OPERATING UNIT OF THE DOW CHEMICAL COMPANY**

DEPARTMENT	FILE NUMBER	DATE
CELL SERVICE	LAD-CS-89.01	04/18/90

TITLE

INDUSTRIAL HYGIENE SUMMARY REPORT, 1989

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*Dean Walters 4/18/90***REVIEWER'S SIGNATURE**

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*William E Leford 4/18/90***SUMMARY/RECOMMENDATIONS**

THE EMPLOYEES WITH A POTENTIAL EXPOSURE TO ASBESTOS WERE MONITORED USING AN APPROVED SAMPLING AND ANALYTICAL METHOD. FOUR (4) PERSONNEL SAMPLES WERE COLLECTED REPRESENTING JOBS OF HIGHEST ASBESTOS EXPOSURE POTENTIAL. NONE OF THE SAMPLES WERE FOUND TO BE ABOVE THE CURRENT EXPOSURE LIMITS. TEN (10) AREA SAMPLES WERE TAKEN IN AREAS OF HIGHEST POTENTIAL EXPOSURE. THREE (3) OF THESE SAMPLES, ALL TAKEN ON THE SAME DAY IN THE ASBESTOS STORAGE ROOM DURING PULP MIXING, WERE ABOVE THE PERMISSIBLE EXPOSURE LIMIT. SCANNING ELECTRON MICROSCOPE ANALYSIS OF THESE THREE SAMPLES DETERMINED THAT ACTUAL ASBESTOS FIBER CONCENTRATION WAS BELOW THE PEL. A PERSONNEL SAMPLE TAKEN ON THE SAME DATE IN THE ASBESTOS STORAGE ROOM ON A CONTRACTOR MIXING PULP DID NOT INDICATE AN OVEREXPOSURE. IN ADDITION, THE EMPLOYEE WAS WEARING FULL PROTECTIVE EQUIPMENT AT THE TIME.

PROCESS MODIFICATIONS WERE COMPLETED LATE IN THE YEAR WHICH INCLUDED INSTALLATION OF A NEW ASBESTOS DEBAGGER AND FILTER SYSTEM. THIS HAS ELIMINATED ALL MANUAL PULP MIXING WHICH WAS THE HIGHEST POTENTIAL EXPOSURE JOB IN THE PLANT.

THE AUTOMATIC CATHODE WASHER WAS MODIFIED TO WASH ASBESTOS FROM ANODES WHICH HAD PREVIOUSLY BEEN DONE MANUALLY.

ALL PERSONNEL WERE FIT TESTED USING IRRITANT SMOKE ON A SIX (6) MONTH FREQUENCY. RESPIRATOR TRAINING & MAINTENANCE ARE PERFORMED AT THE TIME OF FIT TESTING. THESE ACTIVITIES ARE DOCUMENTED.

AN ANNUAL NOISE SURVEY SHOWED NOISE LEVELS HAD NOT INCREASED SINCE THE PREVIOUS YEARS SURVEY. ALL HIGH NOISE AREAS HAVE PROPER NOISE SIGNS.

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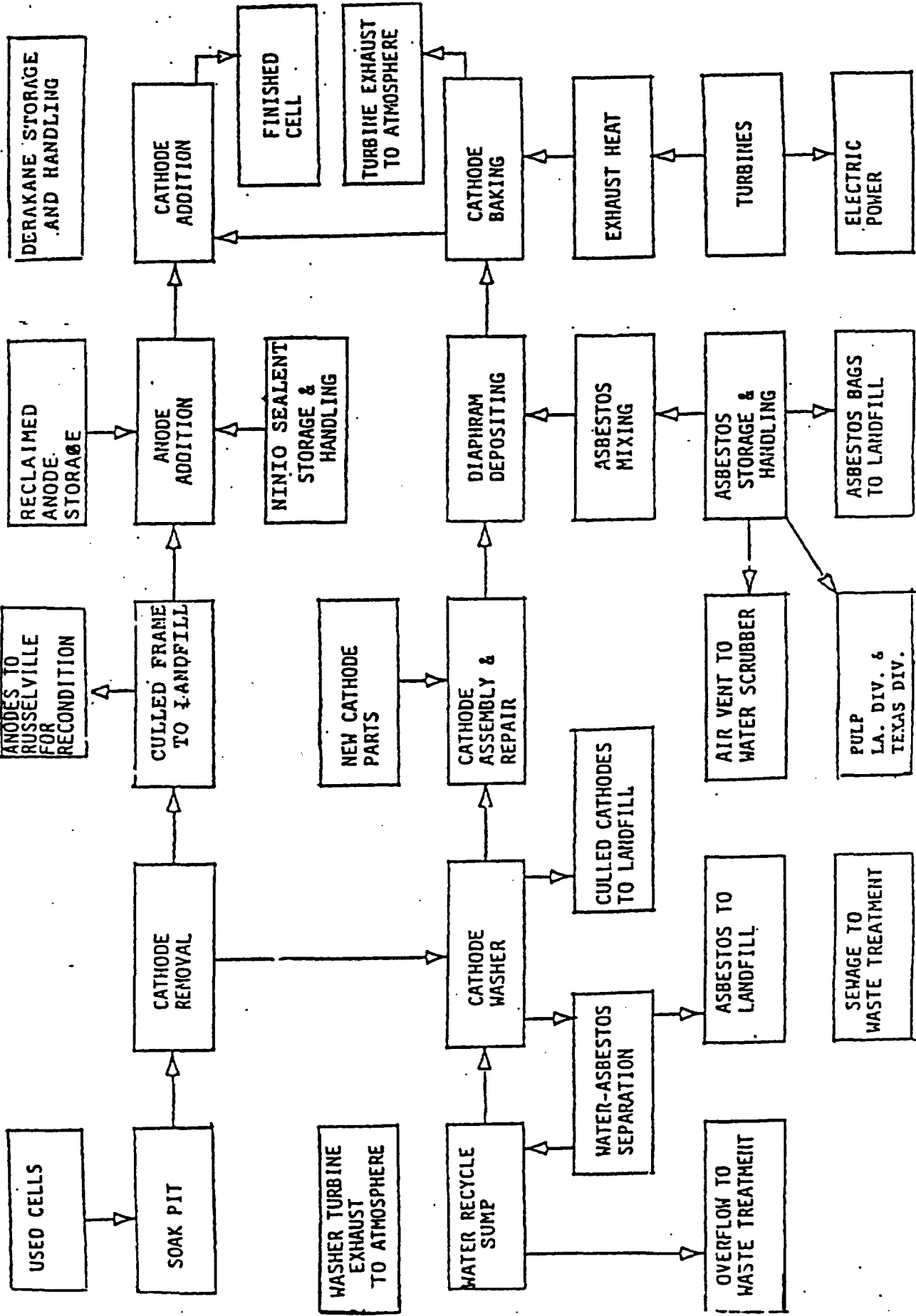
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PLAINTIFF'S EXHIBIT

DOW-896

ST0075127

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CELL SERVICE PROCESS FLOWSHEET

CELL SERVICE PLANT DESCRIPTION

THE FACILITY RECEIVES USED CHLORINE CELLS-REACTORS WHICH PRODUCE CHLORINE FROM BRINE. THE CELLS ARE DISASSEMBLED AND PARTS ARE REPLACED OR RECONDITIONED. THE CELL IS COMPOSED OF THREE BASIC PARTS: THE ANODE, CATHODE AND FRAME. THE USED TITANIUM ANODES ARE WASHED TO REMOVE ASBESTOS, THEN SHIPPED TO RUSSELVILLE, ARKANSAS FOR ANY REPAIR. THE USED CATHODES ARE GENERALLY WASHED OF ASBESTOS, INSPECTED, AND REUSED IF IN GOOD REPAIR. UNREUSABLE CATHODES ARE LANDFILLED. USED LINED CELL FRAMES ARE REPAIRED IF NECESSARY WITH DERAKANE. CULLED FRAMES, CELL COVERS AND GASKETING ARE LANDFILLED. WATER CONTAINING ASBESTOS IS CLARIFIED, FILTERED AND RECYCLED. THE EXCESS IS PUMPED TO ENVIRONMENTAL OPERATIONS. THE FILTERED ASBESTOS IS LANDFILLED.

ST0075129

03/27/90: DW

THE DOW CHEMICAL COMPANY
CELL SERVICE PERSONNEL JOB DESCRIPTIONS

TITLE: ENGINEER (SENIOR PROCESS SPECIALIST)

JOB SUMMARY: EVALUATES AND DESIGNS IMPROVED EQUIPMENT

TITLE: CATHODE LINE SUPERVISOR

JOB SUMMARY: UNDER THE SUPERVISION AND DIRECTION OF THE PLANT SUPERINTENDENT, THE CATHODE LINE SHIFT SUPERVISOR PLANS AND DIRECTS THE PRODUCTION OF QUALITY CATHODES AND DIAPHRAGMS TO MEET PRODUCTION SCHEDULES FOR DOW U.S. OPERATIONS.

TITLE: S.O.S.- CATHODE LINE

JOB SUMMARY: UNDER THE DIRECTION OF THE CATHODE LINE SUPERVISOR, THE S.O.S. IS RESPONSIBLE FOR SAFETY, QUALITY CONTROL, MAINTENANCE, ENVIRONMENTAL CONTROL, AND PRODUCTION FOR THE CATHODE WASHING AREA, DRAWING AREA, AND GAS TURBINE.

TITLE: O.S. DRAWING

JOB SUMMARY: THE PURPOSE OF THIS JOB IS TO DRAW DIAPHRAGMS WITHIN ESTABLISHED QUALITY SPECIFICATIONS AT A RATE SUFFICIENT TO SATISFY PRODUCTION DEMANDS. THIS INCLUDES DRAWING DIAPHRAGMS FOR OTHER DIVISIONS IN DOW CHEMICAL.

TITLE: ANODE LINE SUPERVISOR:

JOB SUMMARY: UNDER THE SUPERVISION AND DIRECTION OF THE PLANT SUPERINTENDENT, THE ANODE LINE SUPERVISOR SCHEDULES AND COORDINATES CELL PARTS NEEDS AND CELL PRODUCTION WITH PART SUPPLIERS AND CUSTOMERS. THIS SUPERVISOR PLANS THE PRODUCTION OF QUALITY COMPLETED CELLS TO MEET PRODUCTION SCHEDULES FOR DOW'S U.S.A. AREA OPERATION. HE/SHE ALSO PLANS & DIRECTS THE REBUILDING OF CHLORINE CELL SERIES IN BOTH THE LOUISIANA DIVISION'S CHLORINE I AND CA II PLANTS.

TITLE: S.O.S.- ANODE LINE

JOB SUMMARY: THE PURPOSE OF THIS JOB IS TO MAINTAIN PRODUCTION AND QUALITY CONTROL OF COMPLETED CELLS AND PROVIDE BACK-UP FOR SUPERVISION FOR THE ANODE LINE. THE INCUMBENT MUST PROVIDE FOR INSPECTION AND MAINTENANCE OF EQUIPMENT FOR ANODE LINE OPERATION AND TURNAROUNDS. THE ANODE S.O.S. SUPERVISES ONE SHIFT ON CELL TURNAROUNDS.

TITLE: MAINTENANCE SUPERVISOR

JOB SUMMARY: UNDER THE SUPERVISION OF THE PLANT SUPERINTENDENT, THE MAINTENANCE SUPERVISOR COORDINATES, PLANS AND CARRIES OUT MAINTENANCE ACTIVITIES TO INSURE SAFE AND EFFICIENT OPERATION OF CELL SERVICE.

TITLE: S.O.S. MAINTENANCE

JOB SUMMARY: THIS NON-ROTATING JOB EXISTS TO PROVIDE MAINTENANCE AND PREVENTATIVE MAINTENANCE ON ALL EQUIPMENT AT CELL SERVICE. THE OPERATOR MUST BE HIGHLY KNOWLEDGEABLE IN ELECTRICAL, MECHANICAL AND PREVENTATIVE MAINTENANCE OF EQUIPMENT. THIS TRAINING IS NECESSARY TO ACHIEVE A SAFE, PRODUCTIVE AND EFFICIENT CELL SERVICE OPERATION.

ST0075130

TITLE: S.O.S. MAINTENANCE AND RELIEF:

JOB SUMMARY: THIS ROTATING JOB EXISTS TO PROVIDE MAINTENANCE & PREVENTATIVE MAINTENANCE ON EQUIPMENT AT CELL SERVICE. PROPER MAINTENANCE OF EQUIPMENT IS NECESSARY TO ACHIEVE A SAFE, PRODUCTIVE AND EFFICIENT CELL SERVICE OPERATION. THE S.O.S. OPERATOR PERFORMS THE NECESSARY MAINTENANCE ON ALL EQUIPMENT AND REPAIRS INSTRUMENT AND MECHANICAL BREAKDOWNS/MALFUNCTIONS. THIS JOB ALSO EXIST TO PROVIDE RELIEF OF OPERATING AND CELL REBUILD PERSONNEL.

TITLE: S.O.S. SAFETY TRAINING/ INDUSTRIAL HYGIENE CONTACT

JOB SUMMARY: THIS JOB EXISTS TO MAINTAIN THE STANDARDS SET BY DOW, CELL SERVICE AND OSHA IN SAFETY, TRAINING AND INDUSTRIAL HYGIENE.

TITLE: OFFICE AND MATERIAL TECHNICIAN:

JOB SUMMARY: THIS JOB EXISTS TO PROVIDE SECRETARIAL/CLERICAL ASSISTANCE TO THE CELL SERVICE BLOCK. THIS PERSON ALSO, WRITES PURCHASE REQUESTIONS, KEEPS FILES OF MATERIAL ORDERED AND RECEIVED, MAINTAINS SUPPLIES OF EVERY DAY USED ITEMS, AND SPARE PARTS INVENTORY. THE TECHNICIAN COORDINATES WITH PURCHASING, STOCK AND RECEIVING TO ASSURE THAT ALL NEEDED SUPPLIES ARE AVAILABLE WHEN AND WHERE NEEDED.

TITLE: CONTRACT PERSONNEL

JOB SUMMARY: CELL SERVICE BLOCK CONTRACTORS, EMPLOYED BY HEBERT BROTHERS, PERFORM APPROXIMATE 80% OF THE JOBS THAT ARE NECESSARY TO PRODUCE A COMPLETED CHLORINE CELL. TO PRODUCE A CELL, A USED COMPLETED CELL IS DISASSEMBLED AND THE VARIOUS PARTS ARE EITHER REPLACED OR REPAIRED. PARTS CONSIST OF A FRAME, ANODE, CATHODE AND DIAPHRAGM. THE REUSABLE FRAME IS WASHED THOROUGHLY OF ASBESTOS, INSPECTED, REPAIRED AND REGASKETED TO BE ABLE TO ACCEPT A CLEANED AND REPAIRED ANODE. AFTER THE USED CATHODE IS WASHED OF ITS PREVIOUS DIAPHRAGM, IT IS INSPECTED, REPAIRED AND PREPARED TO HAVE A NEW DIAPHRAGM DEPOSITED ON TO IT. IT IS THEN CARRIED TO THE OVEN TO BE BONDED. THE BONDED CATHODE IS THEN PUT INTO A FRAME-ANODE ASSEMBLY TO COMPLETE THE CHLORINE CELL FOR SHIPMENT TO USER PLANTS. CONTRACT PERSONNEL DO THE TURN-AROUNDS OF CHLORINE CELLS AT THE CHLORINE & CHLOR-ALKALI #2 PLANTS LOCATED HERE IN LOUISIANA.

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CONCLUSION AND RECOMMENDATIONS

1. ALL PERSONNEL SAMPLES WERE FOUND TO BE BELOW CURRENT EXPOSURE LIMITS FOR ASBESTOS. THREE AREA SAMPLES TAKEN NEAR THE PULP MIXING OPERATION IN THE ASBESTOS STORAGE ROOM ON THE SAME DAY WERE FOUND TO EXCEED THE PEL, ALTHOUGH THE PERSONNEL SAMPLE TAKEN AT THE SAME TIME WAS BELOW THE PEL AND ACTION LIMIT. ALL OTHER AREA SAMPLES WERE BELOW THE CURRENT EXPOSURE LIMITS. THE RESULTS OF THE MONITORING DATA IS SHOWN IN "ASBESTOS MONITORING RESULTS" ATTACHMENT #1 AT THE END OF THIS REPORT.
2. PROCESS MODIFICATIONS WERE COMPLETED THAT ELIMINATED THE MANUAL PULP MIXING JOB WHICH WAS THE HIGHEST POTENTIAL EXPOSURE IN THE PLANT. THE MODIFICATIONS INCLUDED A NEW ASBESTOS DEBAGGER, AND FILTER SYSTEM.
3. MANUAL WASHING OF ANODES WAS ELIMINATED. MODIFICATIONS MADE TO THE AUTOMATIC CATHODE WASHER HAVE ENABLED IT TO ALSO WASH THE ANODES. THIS ELIMINATED ASBESTOS FROM BEING WASHED ONTO THE CONCRETE SLAB WHERE IT WOULD HAVE TO BE CLEANED UP. ASBESTOS FROM THE ANODES IS NOW WASHED DIRECTLY INTO THE SUMP WHICH GOES TO THE CLARIFIER AND FILTER.
4. THE ANNUAL NOISE SURVEY CONFIRMED THAT NOISE LEVELS WERE ESSENTIALLY UNCHANGED FROM PREVIOUS SURVEYS. ALL HIGH NOISE AREAS HAD PROPER WARNING SIGNS POSTED.
5. ASBESTOS MONITORING DURING 1990 SHOULD BE CONCENTRATED AROUND THE NEW DEBAGGER SYSTEM TO DOCUMENT THAT FIBER LEVELS ARE WELL BELOW THE EXPOSURE LIMITS.
6. CONTINUE TO EVALUATE FURTHER USE OF ENGINEERING CONTROLS AND WORK PRACTICES TO REDUCE POTENTIAL ASBESTOS EXPOSURES EVEN MORE.

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NOISE EXPOSURE EVALUATION 1989

AN AREA NOISE SURVEY WAS CONDUCTED USING A B&K MODEL 2205 HAND HELD SOUND LEVEL METER. IT WAS CALIBRATED USING A B&K TYPE 4230 AUDIO CALIBRATOR WHICH EMITS A 94 DB SOUND AT 1000 HZ. ALL MEASUREMENTS WERE TAKEN USING THE A-WEIGHTED SCALE IN THE SLOW RESPONSE MODE. THE RESULTS OF THE SURVEY ARE SHOWN ON THE BLOCK DIAGRAM IN ATTACHMENT 2 AT THE END OF THIS REPORT.

AREA NOISE LEVELS WERE FOUND TO BE BASICALLY UNCHANGED FROM THE PREVIOUS YEARS SURVEY. ALL HIGH NOISE AREAS (90 DECIBELS AND ABOVE) ARE POSTED WITH SIGNS REQUIRING THE USE OF HEARING PROTECTION.

03/29/90:DW

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ACCOMPLISHMENTS FOR 1989

1. COMPLETED INSTALLATION OF AUTO DEBAGGER. DEMONSTRATED OPERATION USING BOTH REGULAR & COMPACTED ASBESTOS.
2. ELIMINATED THE MANUAL MIXING OF PULP. BY USING THE NEW DEBAGGER THE TIME REQUIREMENT TO MIX A TRAILER OF PULP WAS REDUCED FROM 6 HOURS TO APPROXIMATELY 30 MINUTES. IT ALSO CUT DOWN ON THE POTENTIAL FOR EXPOSURE TO ASBESTOS.
3. INSTALLED NEW FABRIC FILTER THAT MEETS "LESHAP" REQUIREMENTS. THE NEW SYSTEM HAS RESULTED IN INCREASED AIR FLOW THROUGH THE VENTING SYSTEM WHICH WILL REDUCE THE POSSIBILITY OF ASBESTOS FIBERS BEING RELEASED INTO THE AIR.
4. CONVERTED TO THE CRADLE TYPE HEAD STRAP FOR THE MSA COMFO II RESPIRATOR.
5. INSTALLED TRAILER ACCESS PULP LOADING STATIONS.
6. MODIFIED AUTOMATIC CATHODE WASHER TO ALSO WASH ANODES WHICH HAD PREVIOUSLY BEEN MANUALLY WASHED. THE ASBESTOS GOES DIRECTLY TO THE CATHODE WASHER SUMP AND THEN TO THE CLARIFIER RATHER THAN ACCUMULATING IN THE DRAINS AND S-519 SUMP WHICH WOULD HAVE TO PERIODICALLY BE CLEANED OUT.
7. INSTALLED PNEUMATIC BAG MANIPULATOR TO PICK UP BAGS OF ASBESTOS FROM THE PALLETS AND PLACE THEM ON CONVEYOR TO THE DEBAGGER. THIS EQUIPMENT GREATLY REDUCES THE PHYSICAL EFFORT REQUIRED TO LIFT AND MOVE THE BAGS REDUCING THE POTENTIAL FOR BACK INJURIES.

ST0075134

GOALS AND PLANS FOR 1990

1. A PARTICLE DETECTOR HAS BEEN ORDERED TO BE INSTALLED ON F-509, WHICH WILL DETECT FILTER BREAKS. THE DETECTOR WILL GIVE AN ALARM & SHUT DOWN BLOWER. AN INTERLOCK HAS BEEN ORDERED THAT WILL SHUT DOWN F-509, BL-509, & L-501 (BAGLIFTER).
2. A LIGHTING SURVEY OF THE BUILDING IS UNDERWAY TO IMPROVE THE LIGHTING.
3. RAISING OF P-501 AB (SUMP PUMPS) TO GROUND LEVEL IS BEING STUDIED. OPERATORS MUST ENTER THE SUMP DAILY TO CHECK EQUIPMENT. THIS IS CONSIDERED A VESSEL ENTRY.
4. CONCENTRATE ASBESTOS ACTIVITIES AROUND THEE NEW DEBAGGER OPERATIONS.

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MISCELLANEOUS ACTIVITIES

SOME OTHER INDUSTRIAL HYGIENE RELATED ACTIVITIES THAT OCCURRED DURING THE YEAR ARE LISTED BELOW:

1. HAZARD COMMUNICATION-ALL EMPLOYEES WERE PRESENTED INFORMATION ON THE HAZARDS OF THE CHEMICALS IN THE BLOCK INCLUDING WHERE THEY ARE USED AND PROPER PROTECTIVE MEASURES. EXPOSURE MONITORING DATA WAS ALSO PRESENTED. ALL OF THE ABOVE WAS DOCUMENTED.
2. RESPIRATOR PROGRAM- ALL PERSONNEL WERE FIT TESTED USING IRRITANT SMOKE ON A SIX MONTH FREQUENCY. RESPIRATOR USE TRAINING AND MAINTENANCE ARE PERFORMED AT THE SAME TIME. TWO POWERED AIR PURIFYING RESPIRATORS ARE AVAILABLE FOR USE BY EMPLOYEES WHO PREFER THEM TO THE DUAL CARTRIDGE HALF FACE RESPIRATORS.
3. VENTILATION - THE LABORATORY FUME HOOD AND LOCAL VENTILATION SYSTEMS AROUND THE ASBESTOS HANDLING OPERATIONS WERE EVALUATED FOR PROPER AIR FLOW BY INDUSTRIAL HYGIENE. ALL WERE FOUND TO BE WORKING PROPERLY.
4. HEALTH TEAM REVIEW-THE ANNUAL HEALTH REVIEW WAS HELD TO REVIEW THE INDUSTRIAL HYGIENE PROGRAM IN CELL SERVICE. THE HAZARDOUS CHEMICALS IN THE PLANT WERE REVIEWED INCLUDING HOW THEY ARE HANDLED AND PROTECTIVE EQUIPMENT REQUIREMENTS. THE EXPOSURE MONITORING DATA WAS DISCUSSED IN DETAIL.
5. ASBESTOS TRAINING-A SPECIAL MEETING WAS HELD TO CONDUCT THE TRAINING SPECIFIED IN THE OSHA ASBESTOS STANDARD 29 CFR 1926.58. ALL PERSONNEL IN THE PLANT ATTENDED THE MEETING. (THIS WAS DOCUMENTED).

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03/27/90: DW

ASBESTOS MONITORING RESULTS

CELL SERVICE, BLOCK 56, LA. DIV. 1989

PEL (**PERMISSIBLE EXPOSURE LIMIT**) FOR ASBESTOS IS 0.2 FIBERS/CC
(GREATER THAN 5 MICRONS IN LENGTH) AS AN EIGHT (8) HOUR TIME WEIGHTED
AVERAGE.

THE **ACTION LEVEL** IS 0.1 FIBERS/CC.

30 MINUTE EXCURSION SHALL NOT EXCEED 1 FIBER (LONGER THAN 5
MICRONS IN LENGTH) PER/CC IN A 30 MINUTE PERIOD.

ALL SAMPLES ARE 8-HOUR TIME WEIGHTED AVERAGE WITH THE EXCEPTION OF
THIRTY MINUTE EXCURSION SAMPLES, WHICH ARE DEFINED.

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ASBESTOS MONITORING RESULTS 1989

DATE	SAMPLE NUMBER	SAMPLE DESCRIPTION	DURATION MIN.	VOLUME (CC)	8 HR.TWA FIB./CC
*INDICATES FULL PROTECTIVE SAFETY EQUIPMENT WORN:					
*2/13/89	08436	PERSONNEL/LABORER #6283 4 HR. MIX PULP, 90 MIN TO CL2 TO GET LOAD OF ASBESTOS, 2 HR. UNLOADING ASB. INTO ASB. ROOM ,30 MIN. CLEAN UP	480	936,000	0.065
*02/20/89	08446	PERSONNEL/CONTRACTOR # 6283 150 MIN. MIX PULP 50 MIN. LUNCH & BREAK 60 MIN LOAD PULP TRUCK 160 MIN. HOUSEKEEPING CATHODE AREA	480	936,000	0.04
*7/13/89	08456	MIXING PULP (30 MIN. EXC.) PERSONNEL/LABORER SS#8999 MIXING PULP		60,000	0.416
*7/12/89	08457	MIXING PULP (30 MIN. EXC.) PERSONNEL/LABORER SS#8999 MIXING PULP		60,000	0.408
2/13/89	08441	AREA/ASBESTOS ROOM PLACED UNDER CONVEYER EAST OF MIXING TANK, PERSONNEL MIXED PULP 4 HRS (RAN SEM - 50 FIBERS WITH 25 BEING ASBESTOS---0.112)	480	936,000	0.224
2/13/89	08442	AREA/ASBESTOS ROOM PLACED NORTH OF WEST DOOR IN PEARLING, PERSONNEL MIXED PULP 4 HRS. (RAN SEM - 50 FIBERS WITH 8 BEING ASBESTOS---0.037)	480	960,000	0.234
2/13/89	08443	AREA/ASBESTOS ROOM PLACED S-E OF PULP MIXING TANK ON POST, PERSONNEL MIXED PULP 4 HRS. (RAN SEM - 50 FIBERS WITH 37 BEING ASBESTOS-----0.150)	480	960,000	0.204
02/20/89	08445	AREA/ASBESTOS ROOM ON POST S-EAST OF PULP MIXING TANK (DUMPED 1 TIME 30 MIN. & MIXED PULP 2 HRS.30 MIN.)	480	960,000	0.016

03/29/90:DW

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ASBESTOS MONITORING RESULTS 1989
(CONT.)

03/15/89 08448	AREA/OV-501 EXHAUST AREA SOUTHEAST OF BL-501 AT POST NE OF TURBINE HOUSE	435	848,250	0.006
03/15/89 08449	AREA/OV-501 ON TOP OF OV-501 WHERE VALVE PIPING GOES INTO OVEN HANGING FROM PIPE VIA ROPE APPR. 12 FOOT UP	435	870,000	0.001
03/15/89 08450	AREA/OV-501 SOUTH OF BL-501 CENTER OF ALLEY WAY APPR. 10 FT. FROM BL-501	435	870,000	0.009
03/15/89 08451	AREA/OV-501 SOUTH OF BL-501 NEXT TO WEST SIDE OF BLDG. APPR. 10 FT. FROM BLOWER BL-501	435	848,250	0.01
11/07/89 8459	(AREA) NEW DEBAG. AREA TOP FLOOR OF DEBAG. SAMPLE PLACED AT TOP OF STAIRS NEAR INTERCOM CONST. OF AREA BEING PERFORMED AT THIS TIME. (NEW EQUIPMENT BEING INSTALLED)	480	960,000	(SEM) 0.000 (NO ASBESTOS)
11/07/89 8461	(AREA) NEW DEBAG. AREA SAMPLE TAKEN FROM TOP FLOOR OF DEBAGGER ROOM NORTH WALL IN PEARLING. CONST. OF AREA BEING PERFORMED. AT THIS TIME. (NEW EQUIPMENT BEING INSTALLED)	480	960,000	(SEM) 0.000 (NO ASBESTOS)

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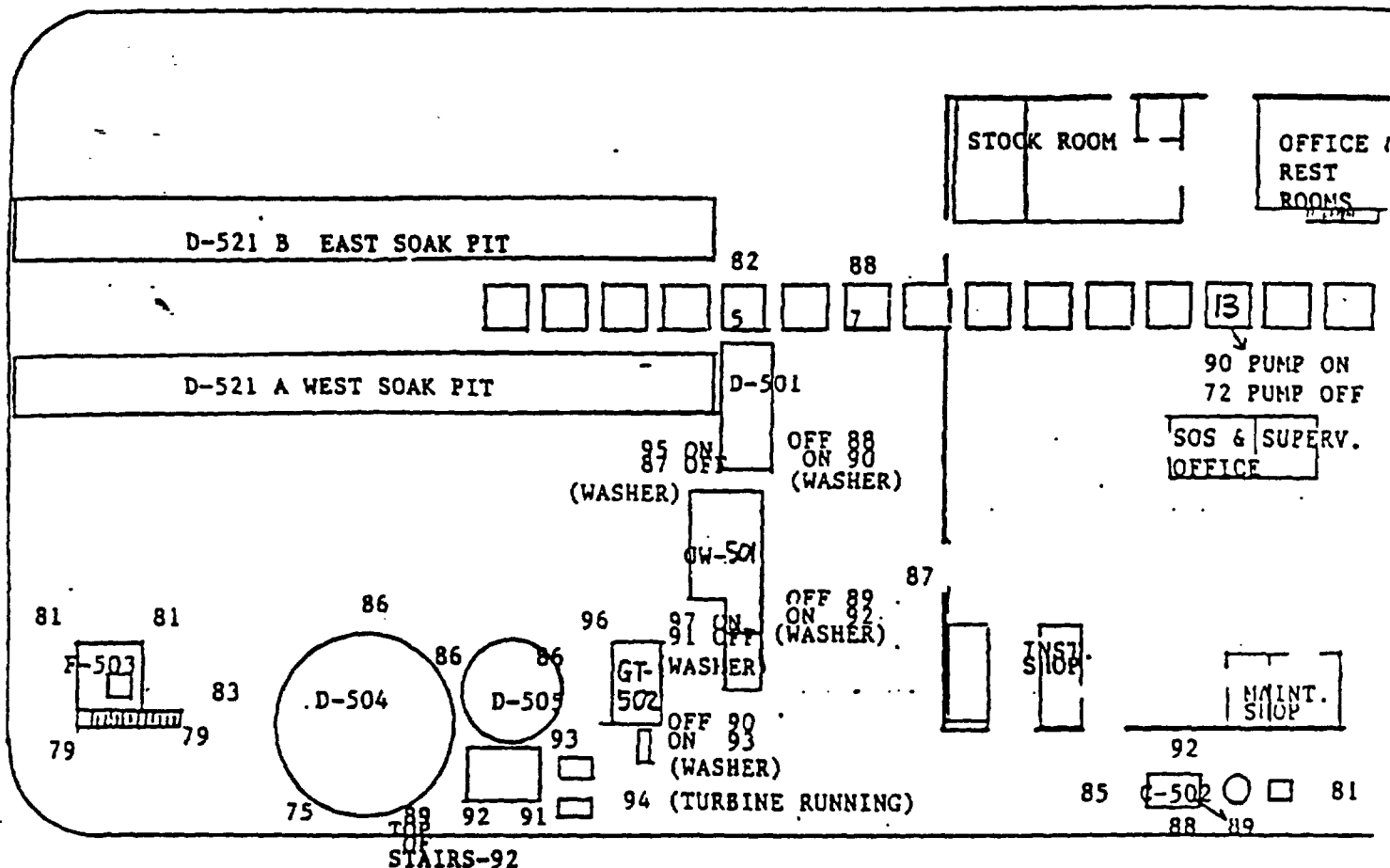
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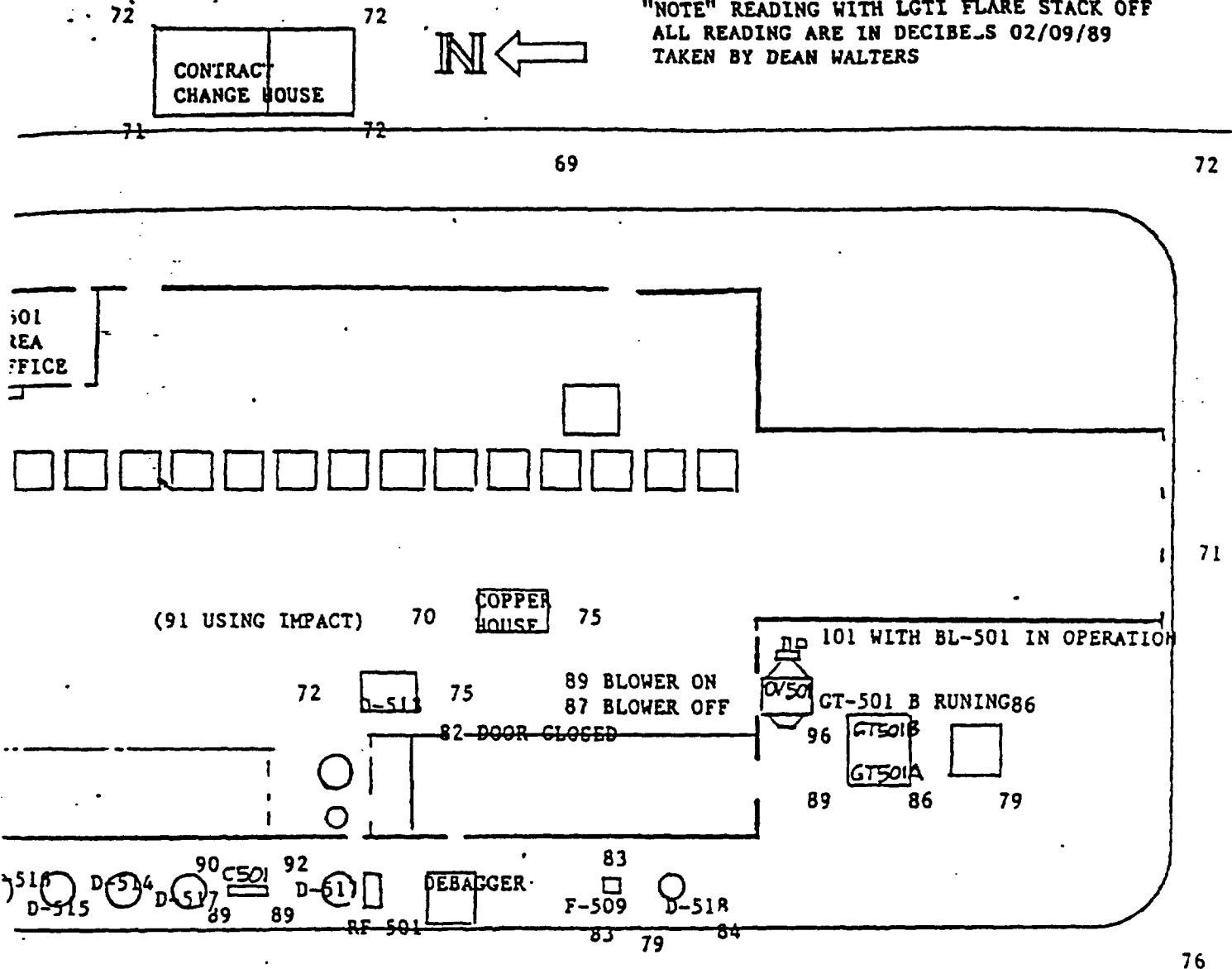


NOTE: IT HAS BEEN ESTABLISHED THAT USING AN
IMPACT GUN IS NORMALLY ABOVE 90 DECIBELS
CELL SERVICE PERSONNEL WILL USE HEARING
PROTECTION WHILE PERFORMING THIS JOB.

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CELL SERVICE PARKING LOT

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