PLAINTIFF'S EXHIBIT JMMC-92

MANVILLE
INDUSTRIAL HYGIENE SURVEY SUMMARY

PLANT: DENISON
DIVISION: PIPE

DATE OF REPORT: DEC 8, 1982
PLANT MANAGER: W.G. BURNETT
SURVEY DATE: OCT 18, 1982

I. PERSONAL SAMPLES

A. The station(s) listed below are discussed in our cover letter and deserve your particular attention. They are not necessarily selected because of TLV violations and, in fact, some stations over TLV may not be listed here.

STATION NUMBER	STATION DESCRIPTION	% OVER TLV
D-16F	PERSONAL - #2 UCL OPERATOR	UNDER
D-17F	PERSONAL - BORING MILL OPERATOR	UNDER
D-26F	PERSONAL - #1 UCL OPERATOR	UNDER
D- 7WE	PERSONAL - WILLOW FEED OPERATOR	UNDER
D-10S	PERSONAL - DEMPSTER DUMPSTER DRIVER	UNDER
D- 2IM	PERSONAL - MIXER OPERATOR	24
V- 1F	PERSONAL - SOLVENT WELDING	UNDER
V- 2FS	PERSONAL - FILAMENT WINDER OPERATOR	UNDER

B. SAMPLING STATIONS	ESTABLISHED	SAMPLED	EXCEED OSHA STANDARDS
All dust	57	50	1
Sampled Asbestos	(53)	(47)	(0)
Noise	25	24	17
Fume/Vapor	25	24	0
Totals	107	98	18

II. AREA SAMPLES

A. The station(s) listed below are discussed in our cover letter and deserve your particular attention. They are not necessarily selected because of TLV violations and, in fact, some stations over TLV may not be listed here.

STATION NUMBER	STATION DESCRIPTION	% OVER TLV
D-11WE	AREA - 13' LINE FLOW TROUGH	UNDER
D-12WE	AREA - 10' LINE FLOW TROUGH	UNDER

B. SAMPLING STATIONS	ESTABLISHED	SAMPLED	EXCEED STANDARDS
All dust	11	9	0
Sampled Asbestos Area	(6)	(6)	(0)
Asbestos Collector	(3)	(3)	(0)
Noise	22	18	15
Fume/Vapor	15	10	0
Ionizing (Audit) Radiation	1	1	0
Non-Ionizing Radiation	3	3	0
Totals	52	41	15

R.C. Cordova

Industrial Hygiene Supervisor

THE ASBESTOS SAMPLING RESULTS REPORTED HERE ARE DETERMINED IN STRICT ACCORDANCE WITH THE METHODOLOGY PRESCRIBED BY OSHA. THE PRECISION AND ACCURACY OF THE METHOD HAS NOT BEEN ADEQUATELY DOCUMENTED. HOWEVER, IT HAS BEEN DEMONSTRATED THAT RELATIVE ERRORS INCREASE AS THE COUNT DECREASES. AT A "TRUE" LEVEL OF 1.0 f/cc COUNTS BELOW 0.5 f/cc AND ABOVE 1.5 f/cc WILL PREDICTABLY OCCUR.

STATION	DESCRIPTION / HAZARD		ILV		RESULTS	
D- 1DH	COLLECTOR - FINISHING END - OLD				No Visible Emissions	
D- 2DH	COLLECTOR - FINISHING END - NEW				No Visible Emissions	
D- 3DH	COLLECTOR - FORMING END				No Visible Emissions	
D- 1F	PERSONAL - WET SLASH SAW OPERATOR					
	/ASBESTOS		2.0		0.2	F/CC ✓
	/NUISANCE RESPIRABLE		5.00		0.03	mg/M3
D- 2F	PERSONAL - #1 UPL - NORTH SIDE OPERATOR					
	/ASBESTOS		2.0		0.0	F/CC ✓
	/RESPIRABLE QUARTZ		100.0		17.0	ug/M3
	/RESPIRABLE QUARTZ		0.40		0.07	mg/M3
D- 3F	PERSONAL - #1 UPL UNIT LOADER OPERATOR					
	/ASBESTOS		2.0		0.0	F/CC ✓
D- 4F	PERSONAL - #2 UPL-NORTH SIDE OPERATOR					
	/ASBESTOS		2.0	<	0.1	F/CC ✓
	/RESPIRABLE QUARTZ	>	0.59		0.10	mg/M3
D- 5F	PERSONAL - #2 UPL UNIT LOADER OPERATOR					
	/ASBESTOS		2.0	<	0.1	F/CC ✓
D- 6F	PERSONAL - MOA LATHE OPERATOR					
	/ASBESTOS		2.0		0.2	F/CC ✓
	/RESPIRABLE QUARTZ	>	0.38		0.06	mg/M3
D- 7F	PERSONAL - #2 K&C SOUTH SIDE OPERATOR					
	/ASBESTOS		2.0	<	0.1	F/CC ✓
D- 8F	PERSONAL - #2 K&C TAKE-OFF MAN				DID NOT OPERATE	
D- 9F	PERSONAL - #1 K&C DRILLER/SWING SAW OPERATOR/ASBESTOS		2.0	<	0.2	F/CC ✓
	/NUISANCE RESPIRABLE		5.00		0.05	mg/M3
D-10F	PERSONAL - COUPLING TESTER OPERATOR					
	/ASBESTOS		2.0	<	0.1	F/CC ✓
D-11F	PERSONAL - EPOXY AREA MOLDER MAN					
	/ASBESTOS		2.0	<	0.1	F/CC ✓
	/NUISANCE RESPIRABLE		5.00		0.11	mg/M3

* = STATION EXCEEDS ILV

STATION	DESCRIPTION / HAZARD	ILV		RESULTS	
D-12F	PERSONAL - EPOXY AREA SWING SAW OPERATOR				
	/ASBESTOS	2.0	<	0.2	F/CC
	/NUISANCE RESPIRABLE	5.00		0.07	mg/M3
D-13F	PERSONAL - RADIAL DRILL OPERATOR				
	/ASBESTOS	2.0	<	0.1	F/CC
	/RESPIRABLE QUARTZ	100.0		16.6	ug/M3
	/RESPIRABLE QUARTZ	0.14		0.03	mg/M3
D-14F	PERSONAL - FITTINGS LATHE OPERATOR				
	/ASBESTOS	2.0	<	0.1	F/CC
	/RESPIRABLE QUARTZ	> 0.30		0.05	mg/M3
D-15F	PERSONAL - LARGE COUPLING CUT OFF OPERATOR/ASBESTOS	2.0	<	0.2	F/CC
	/NUISANCE RESPIRABLE	5.00		0.11	mg/M3
D-16F	PERSONAL - #2 UCL OPERATOR				
	/ASBESTOS	2.0	<	0.1	F/CC
	/NUISANCE RESPIRABLE	5.00		0.05	mg/M3
D-17F	PERSONAL - BORING MILL OPERATOR				
	/ASBESTOS	2.0	<	0.1	F/CC
	/NUISANCE RESPIRABLE	5.00		0.07	mg/M3
D-18F	PERSONAL - NIPPLE LATHE OPERATOR				
	/ASBESTOS	2.0	<	0.1	F/CC
D-21F	PERSONAL - BAND SAW OPERATOR				
	/ASBESTOS	2.0		0.4	F/CC
D-22F	PERSONAL - TRACER LATHE OPERATOR				
	/ASBESTOS	2.0	<	0.1	F/CC
	/NUISANCE RESPIRABLE	5.00		0.04	mg/M3
D-23F	PERSONAL - SMALL COUPLING CUT-OFF OPERATOR/ASBESTOS	2.0	<	0.1	F/CC
	/RESPIRABLE QUARTZ	> 0.22		0.03	mg/M3
D-24F	PERSONAL - MONOLITHIC LATHE OPERATOR				
	/ASBESTOS	2.0	<	0.1	F/CC
	/RESPIRABLE QUARTZ	> 0.14		0.02	mg/M3
D-25F	PERSONAL - MONOLITHIC SAW OPERATOR				
	/ASBESTOS	2.0		0.2	F/CC
D-26F	PERSONAL - #1 UCL OPERATOR				
	/ASBESTOS	2.0		0.3	F/CC

* = STATION EXCEEDS TLV

STATION	DESCRIPTION / HAZARD	TLV		RESULTS	
D-26F	PERSONAL - #1 UCL OPERATOR				
	/RESPIRABLE QUARTZ	100.0		26.9	ug/M3
	/RESPIRABLE QUARTZ	0.91		0.32	mg/M3
D-27F	PERSONAL - SAMPLING LATHE OPERATOR		DID NOT OPERATE		
D-28F	PERSONAL - LARGE FORK TRUCK DRIVER				
	/ASBESTOS	2.0	<	0.1	F/CC
D-29F	PERSONAL - SMALL FORK TRUCK DRIVER				
	/ASBESTOS	2.0	<	0.1	F/CC
	/NUISANCE RESPIRABLE	5.00		0.06	mg/M3
D-30F	PERSONAL - PLATFORM TRUCK DRIVER				
	/ASBESTOS	2.0	<	0.1	F/CC
D-31F	PERSONAL - TAPER COUPLING LATHE		DID NOT OPERATE		
D- 1WE	PERSONAL - 13' LINE MACHINE TENDER				
	/ASBESTOS	2.0	<	0.1	F/CC
D- 2WE	PERSONAL - 13' LINE CONSOLE OPERATOR				
	/ASBESTOS	2.0	<	0.1	F/CC
	/NUISANCE RESPIRABLE	5.00		0.03	mg/M3
D- 3WE	PERSONAL - 13' LINE TAKE-OFF MAN				
	/ASBESTOS	2.0	<	0.1	F/CC
D- 4WE	PERSONAL - 10' LINE CONSOLE OPERATOR				
	/ASBESTOS	2.0	<	0.1	F/CC
	/NUISANCE RESPIRABLE	5.00		0.10	mg/M3
D- 5WE	PERSONAL - 10' LINE - TAKE OFF MAN				
	/ASBESTOS	2.0	<	0.1	F/CC
D- 6WE	AREA - UNDER 13' LINE WEIGH BINS				
	/ASBESTOS	2.0	<	0.1	F/CC
	/RESPIRABLE QUARTZ	0.48		0.07	mg/M3
D- 7WE	PERSONAL - WILLOW FEED OPERATOR				
	/ASBESTOS	2.0		0.4	F/CC
	/RESPIRABLE QUARTZ	100.0		28.2	ug/M3
	/RESPIRABLE QUARTZ	0.53		0.17	mg/M3
D- 8WE	PERSONAL - TRANSITE PIPE SCRAP GRINDER OPERATOR/ASBESTOS	2.0		0.2	F/CC

* = STATION EXCEEDS TLV

STATION	DESCRIPTION / HAZARD	TLV		RESULTS	
D- 9WE	PERSONAL - 10' LINE MACHINE TENDER /ASBESTOS	2.0	<	0.1	F/CC
D-11WE	AREA - 13' LINE FLOW TROUGH /ASBESTOS	2.0		0.8	F/CC
D-12WE	AREA - 10' LINE FLOW TROUGH /ASBESTOS	2.0		0.3	F/CC
D-13WE	PERSONAL - OVERHEAD CRANE OPERATOR /ASBESTOS	2.0	<	0.1	F/CC
	/RESPIRABLE QUARTZ	> 0.37		0.05	mg/M3
D- 2S	PERSONAL - UNLOADING ASBESTOS FIBER		DID NOT OPERATE		
D- 3S	AREA - UNLOADING CEMENT FROM HOPPER CAR		DID NOT OPERATE		
D- 4S	PERSONAL - YARD LOADING MAN /ASBESTOS	2.0	<	0.1	F/CC
D- 5S	PERSONAL - BALL MILL OPERATOR		DID NOT OPERATE		
D- 6S	PERSONAL - SWEEPER OPERATOR /ASBESTOS	2.0	<	0.1	F/CC
	/RESPIRABLE QUARTZ	> 0.56		0.10	mg/M3
D-10S	PERSONAL - DEMPSTER DUMPSTER DRIVER /ASBESTOS	2.0	<	0.2	F/CC
D-11S	PERSONAL - #1 UPL INSPECTOR /ASBESTOS	2.0	<	0.1	F/CC
D-12S	PERSONAL - #2 UPL INSPECTOR /ASBESTOS	2.0	<	0.1	F/CC
D-13S	PERSONAL - QUALITY CONTROL - ROVING INSPECTOR /ASBESTOS	2.0		0.2	F/CC
D-15S	PERSONAL - ELECTRICIAN /ASBESTOS	2.0	<	0.1	F/CC
D-16S	PERSONAL - OILER /ASBESTOS	2.0	<	0.1	F/CC
D-17S	PERSONAL - TOOL CRIB - TOOL GRINDER /ASBESTOS	2.0	<	0.1	F/CC

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STATION	DESCRIPTION / HAZARD		ILV		RESULTS	
D-17S	PERSONAL - TOOL CRIB - TOOL GRINDER /RESPIRABLE QUARTZ	>	1.67		0.46	mg/M3
D-18S	AREA - UPSTAIRS LUNCH ROOM /ASBESTOS		2.0	<	0.1	F/CC
D-20S	PERSONAL - NORTH FIBER WRHS FORK TRUCK OPERATOR/ASBESTOS		2.0	<	0.1	F/CC
D-23S	AREA - E&R SHOP /ASBESTOS		2.0	<	0.1	F/CC
	/RESPIRABLE QUARTZ	>	0.91		0.15	mg/M3
D-25S	PERSONAL - REMOVING END PLUGS IN AIR CURED BLDG				DID NOT OPERATE	
D-26S	PERSONAL - GENERAL MECHANIC /ASBESTOS		2.0	<	0.1	F/CC
D- 1P	PERSONAL - #3 EXTRUDER OPERATOR /NUISANCE RESPIRABLE		5.00		0.05	mg/M3
D- 5P	PERSONAL - MIXER PLATFORM OPERATOR /RESPIRABLE QUARTZ	>	1.00		0.18	mg/M3
D- 1IM	AREA - BETWEEN #4 & #5 INJECTION MOLDERS				DID NOT OPERATE	
* D- 2IM	PERSONAL - MIXER OPERATOR /RESPIRABLE QUARTZ	>	0.91		0.14	mg/M3
	/TOTAL QUARTZ	>	2.50		3.10	mg/M3
D- 1L	PERSONAL - SANDER OPERATOR /ASBESTOS		2.0	<	0.1	F/CC
D- 2L	AREA - WEST SIDE OF CONVEYOR /ASBESTOS		2.0		0.0	F/CC
D- 3L	PERSONAL - COUPLING COATER IN TEMPTITE BUILDING				DID NOT OPERATE	

* = STATION EXCEEDS TLV

	STATION	DESCRIPTION / HAZARD		TLV	RESULTS
*	N- 1F	PERSONAL - WET SAW OPERATOR / NOISE	Leq. dBA Dos.	90	92.5
			Leq. dBA Calc.	90	92.0
			dBA range	N.A.	85 to 95
#	N- 2F	AREA - #1 UPL NORTHWEST OF OPERATOR / NOISE	Leq. dBA Dos.	90	---
			Leq. dBA Calc.	90	---
			dBA range	N.A.	85 to 100
#	N- 3F	AREA - TAKE OFF BTWN #1 & #2 UPL / NOISE	Leq. dBA Dos.	90	---
			Leq. dBA Calc.	90	---
			dBA range	N.A.	090 to 104
*	N- 4F	PERSONAL - #2 UPL NORTH OPERATOR / NOISE	Leq. dBA Dos.	90	94.0
			Leq. dBA Calc.	90	94.1
			dBA range	N.A.	85 to 100
#	N- 5F	AREA - #2 UPL NORTH SIDE BELLING OPERATION/ NOISE	Leq. dBA Dos.	90	---
			Leq. dBA Calc.	90	---
			dBA range	N.A.	91 to 105
*	N- 6F	PERSONAL - MOA LATHE / NOISE	Leq. dBA Dos.	90	92.6
			Leq. dBA Calc.	90	90.6
			dBA range	N.A.	85 to 94
*	N- 7F	PERSONAL - #1 K&C NORTH SIDE / NOISE	Leq. dBA Dos.	90	92.9
			Leq. dBA Calc.	90	91.9
			dBA range	N.A.	84 to 96
#	N- 8F	AREA - #1 K&C DRILLING OPERATION / NOISE	Leq. dBA Dos.	90	---
			Leq. dBA Calc.	90	---
			dBA range	N.A.	90 to 97
*	N- 9F	PERSONAL - #2 K&C SOUTH SIDE OPERATOR / NOISE	Leq. dBA Dos.	90	97.4
			Leq. dBA Calc.	90	---
			dBA range	N.A.	85 to 96

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# = EXCEEDS 90 dBA - AREA

	STATION	DESCRIPTION / HAZARD		TLV	RESULTS
	N-10F	AREA - SWING SAW BETWEEN #1 & #2 K&C / NOISE	DID NOT OPERATE		
#	N-11F	AREA - EPOXY AREA SWING SAW / NOISE	Leq. dBA Dos.	90	---
			Leq. dBA Calc.	90	---
			dBA range	N.A.	85 to 109
	N-12F	AREA - RADIAL DRILL / NOISE	DID NOT OPERATE		
#	N-13F	AREA - LARGE COUPLING CUT OFF / NOISE	Leq. dBA Dos.	90	---
			Leq. dBA Calc.	90	---
			dBA range	N.A.	88 to 106
	N-14F	AREA - SMALL COUPLING CUT OFF / NOISE	Leq. dBA Dos.	90	---
			Leq. dBA Calc.	90	---
			dBA range	N.A.	84 to 89
#	N-15F	AREA - #1 UCL / NOISE	Leq. dBA Dos.	90	---
			Leq. dBA Calc.	90	---
			dBA range	N.A.	88 to 96
#	N-16F	AREA - BORING MILL / NOISE	Leq. dBA Dos.	90	---
			Leq. dBA Calc.	90	---
			dBA range	N.A.	91 to 117
	N-17F	PERSONAL - EPOXY AREA MOLDING MAN / NOISE	Leq. dBA Dos.	90	89.1
			Leq. dBA Calc.	90	---
			dBA range	N.A.	---
	N-18F	PERSONAL - LARGE FORK TRUCK DRIVER / NOISE	Leq. dBA Dos.	90	85.1
			Leq. dBA Calc.	90	---
			dBA range	N.A.	---
*	N-19F	PERSONAL - SMALL FORK TRUCK DRIVER / NOISE	Leq. dBA Dos.	90	91.2
			Leq. dBA Calc.	90	---
			dBA range	N.A.	---

* = STATION EXCEEDS TLV
\# = EXCEEDS 90 dBA - AREA

STATION	DESCRIPTION / HAZARD		TLV	RESULTS
* N-20F	PERSONAL - PLATFORM TRUCK DRIVER / NOISE	Leq. dBA Dos.	90	92.8
		Leq. dBA Calc.	90	---
		dBA range	N.A.	---
* N- 1WE	PERSONAL - WHEELABRATOR / NOISE	Leq. dBA Dos.	90	99.0
		Leq. dBA Calc.	90	---
		dBA range	N.A.	90 to 100
# N- 2WE	AREA - 10' LINE CONSOLE OPERATORS POSITION/ NOISE	Leq. dBA Dos.	90	---
		Leq. dBA Calc.	90	---
		dBA range	N.A.	91 to 100
# N- 3WE	AREA - 10' LINE-WEST OF TAKE OFF TABLE / NOISE	Leq. dBA Dos.	90	---
		Leq. dBA Calc.	90	---
		dBA range	N.A.	88 to 102
# N- 4WE	AREA - 13' LINE CONSOLE OPERATORS POSITION/ NOISE	Leq. dBA Dos.	90	---
		Leq. dBA Calc.	90	---
		dBA range	N.A.	90 to 93
* N- 5WE	PERSONAL - 13' LINE EAST TAKE OFF OPER. POSITION/ NOISE	Leq. dBA Dos.	90	92.8
		Leq. dBA Calc.	90	---
		dBA range	N.A.	---
N- 6WE	AREA - UNDER 13' LINE WEIGH BINS / NOISE	Leq. dBA Dos.	90	---
		Leq. dBA Calc.	90	---
		dBA range	N.A.	89
N- 7WE	AREA - 6' SOUTH OF WILLOWS / NOISE	Leq. dBA Dos.	90	---
		Leq. dBA Calc.	90	---
		dBA range	N.A.	85
# N- 8WE	AREA - SCRAP GRINDER - NORTH SIDE OF FEED/ NOISE	Leq. dBA Dos.	90	---
		Leq. dBA Calc.	90	---
		dBA range	N.A.	85 to 106

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	STATION	DESCRIPTION / HAZARD		TLV	RESULTS
	N- 5S	PERSONAL - BOILER HOUSE			
		/ NOISE	Leq. dBA Dos.	90	85.9
			Leq. dBA Calc.	90	---
			dBA range	N.A.	---
	N- 6S	PERSONAL - SWEEPER OPERATOR			
		/ NOISE	Leq. dBA Dos.	90	86.3
			Leq. dBA Calc.	90	---
			dBA range	N.A.	---
*	N- 1P	PERSONAL - #1 EXTRUDER OPERATOR			
		/ NOISE	Leq. dBA Dos.	90	90.5
			Leq. dBA Calc.	90	93.6
			dBA range	N.A.	86 to 96
*	N- 3P	PERSONAL - #2 EXTRUDER OPERATOR			
		/ NOISE	Leq. dBA Dos.	90	92.8
			Leq. dBA Calc.	90	92.8
			dBA range	N.A.	87 to 95
*	N- 4P	PERSONAL - #3 EXTRUDER OPERATOR			
		/ NOISE	Leq. dBA Dos.	90	91.0
			Leq. dBA Calc.	90	---
			dBA range	N.A.	---
	N- 5P	AREA - MIXER PLATFORM OPERATOR			
		/ NOISE	Leq. dBA Dos.	90	83.7
			Leq. dBA Calc.	90	---
			dBA range	N.A.	---
#	N- 7P	AREA - SCRAP GRINDER (PLASTICS)			
		/ NOISE	Leq. dBA Dos.	90	---
			Leq. dBA Calc.	90	---
			dBA range	N.A.	88 to 98
*	N- 8P	PERSONAL - #4 EXTRUDER OPERATOR			
		/ NOISE	Leq. dBA Dos.	90	92.4
			Leq. dBA Calc.	90	---
			dBA range	N.A.	---
‡	N-12P	AREA - ZIP SAW			
		/ NOISE	Leq. dBA Dos.	90	---
			Leq. dBA Calc.	90	---
			dBA range	N.A.	90 to 116

* = STATION EXCEEDS TLV
# = EXCEEDS 90 dBA - AREA

	STATION	DESCRIPTION / HAZARD		TLV	RESULTS
*	N-13P	PERSONAL - #5 EXTRUDER OPERATOR			
		/ NOISE	Leq. dBA Dos.	90	92.7
			Leq. dBA Calc.	90	---
			dBA range	N.A.	---
	N-18P	AREA - PORTABLE BOX TILTER - VIBRATOR DID NOT OPERATE			
		/ NOISE			
*	N-19P	PERSONAL - #6 EXTRUDER OPERATOR			
		/ NOISE	Leq. dBA Dos.	90	92.1
			Leq. dBA Calc.	90	---
			dBA range	N.A.	---
	N- 1IM	PERSONAL - MIXER OPERATOR			
		/ NOISE	Leq. dBA Dos.	90	84.4
			Leq. dBA Calc.	90	---
			dBA range	N.A.	---
	N- 2IM	PERSONAL - PACKER ASSEMBLER			
		/ NOISE	Leq. dBA Dos.	90	< 80
			Leq. dBA Calc.	90	---
			dBA range	N.A.	---
	N- 3IM	AREA - BETWEEN #3&#4 INJECTION MOLDER DID NOT OPERATE			
		/ NOISE			
#	N- 4IM	AREA - BETWEEN #1&#2 INJECTION MOLDER			
		/ NOISE	Leq. dBA Dos.	90	---
			Leq. dBA Calc.	90	---
			dBA range	N.A.	81 to 96
	N- 5IM	PERSONAL - SCRAP GRINDER DID NOT OPERATE			
		/ NOISE			
*	N- 1L	PERSONAL - SANDER OPERATOR			
		/ NOISE	Leq. dBA Dos.	90	91.1
			Leq. dBA Calc.	90	---
			dBA range	N.A.	---
*	N- 1SW	PERSONAL - SPIRAL WOUND OPERATOR			
		/ NOISE	Leq. dBA Dos.	90	90.3
			Leq. dBA Calc.	90	---
			dBA range	N.A.	---

*.= STATION EXCEEDS TLV
= EXCEEDS 90 dBA - AREA

STATION	DESCRIPTION / HAZARD	TLV	RESULTS
V- 1F	PERSONAL - SOLVENT WELDING		
	/TETRAHYDROFURAN	200.0	7.4 ppm
	/BUTANONE	200.0	0.0 ppm
	/METHYLENE CHLORIDE	500.0	0.0 ppm
	/ACRYLONITRILE	2.0	0.0 ppm
	/STYRENE	100.0	0.0 ppm
	/BUTADIENE(1,3-BUTADIENE)	1000.0	0.0 ppm
	/TOLUENE-2,4-DIISOCYANATE	0.02	< 0.01 ppm
V- 2F	PERSONAL - PLATFORM TRUCK DRIVER		
	/CARBON MONOXIDE	50.0	11.8 ppm
V- 3F	PERSONAL - LARGE FORK TRUCK DRIVER		
	/CARBON MONOXIDE	50.0	21.7 ppm
V- 4F	AREA - FINISHING END AISLE		
	/CARBON MONOXIDE	50.0	7.1 ppm
V- 5F	PERSONAL - SMALL FORK TRUCK DRIVER		
	/CARBON MONOXIDE	50.0	23.2 ppm
V- 7F	PERSONAL - UTILITY TRUCK DRIVER		
	/CARBON MONOXIDE	50.0	5.2 ppm
V- 1WE	AREA - 13' LINE HCL APPLICATION		DID NOT OPERATE
V- 2WE	AREA - 10' LINE CONTROL VALVE		DID NOT OPERATE
V- 3WE	AREA - CLEANING SCREEN MOLDS		DID NOT OPERATE
V- 4WE	PERSONAL - WILLOW OPERATOR		
	/CARBON MONOXIDE	50.0	3.0 ppm
V- 2S	AREA - NEAR COMPRESSOR IN SUB-BASEMENT		
	/METHANE	1000.0	0.0 ppm
V- 3S	AREA - MAIN PROPANE STORAGE TANK		
	/PROPANE	1000.0	300.0 ppm
V- 5S	AREA - BOILER HOUSE		
	/METHANE	1000.0	0.0 ppm

* = STATION EXCEEDS TLV

STATION	DESCRIPTION / HAZARD	TLV		RESULTS	
V- 6S	AREA - GAS FIRED DRYER AT WEST END OF BALL MILL			DID NOT OPERATE	
V- 7S	AREA - NORTH FIBER WAREHOUSE /CARBON MONOXIDE	50.0		10.3	ppm
V- 9S	PERSONAL - S&R FORK TRUCK DRIVER /CARBON MONOXIDE	50.0		2.3	ppm
V- 1P	PERSONAL - MIXER OPERATOR /VINYL CHLORIDE	1.0		0.0	ppm
V- 2P	PERSONAL - #1 EXTRUDER OPERATOR /VINYL CHLORIDE	1.0		0.0	ppm
V- 3P	PERSONAL - MAINTENANCE OPERATOR /VINYL CHLORIDE	1.0		0.0	ppm
V- 4P	PERSONAL - UTILITY OPERATOR (GRINDER OPERATOR)/VINYL CHLORIDE	1.0		0.0	ppm
V-20P	PERSONAL - #4 EXTRUDER OPERATOR /VINYL CHLORIDE	1.0		0.0	ppm
V-23P	PERSONAL - FORK TRUCK DRIVER /VINYL CHLORIDE	1.0		0.0	ppm
	/CARBON MONOXIDE	50.0		2.0	ppm
V- 1IM	PERSONAL - PACKER ASSEMBLER /VINYL CHLORIDE	1.0		0.0	ppm
V- 4IM	PERSONAL - CREW LEADER /VINYL CHLORIDE	1.0		0.0	ppm
V- 5IM	PERSONAL - MIXER OPERATOR /VINYL CHLORIDE	1.0		0.0	ppm
V- 1L	AREA - T.O. & VALVE STATION /TRIETHYLENE TETRAMINE-TETA	10.0	<	0.1	ppm
	/PHENOL-SKIN	5.0		0.0	ppm
V- 2L	AREA - WEST SIDE TAKE-OFF /TRIETHYLENE TETRAMINE-TETA	10.0	<	0.1	ppm
	/PHENOL-SKIN	5.0		0.0	ppm

* = STATION EXCEEDS TLV

STATION	DESCRIPTION / HAZARD	TLV		RESULTS
V- 3L	PERSONAL - COUPLING COATER OPERATOR			
	/TRIETHYLENE TETRAMINE-TETA	10.0	<	0.1 PPM
	/PHENOL-SKIN	5.0		0.0 PPM
V- 4L	PERSONAL - SOFT WATER COATING TRUCK DRIVER			DID NOT OPERATE
V- 1T	PERSONAL - T/T OPERATORS POSITION			
	/METHYLENE BISPHENYLISOCYANATE	0.02	<	0.01 PPM
V- 2T	AREA - REPAIR & PATCH POSITION ON T/T LINE/METHYLENE BISPHENYLISOCYANATE	0.02	<	0.01 PPM
V- 1PS	PERSONAL - ABS CORE COATER OPERATOR			
	/TETRAHYDROFURAN	200.0		0.0 PPM
	/BUTANONE	200.0		0.0 PPM
	/METHYLENE CHLORIDE	500.0		0.3 PPM
	/ACRYLONITRILE	2.0		0.0 PPM
	/STYRENE	100.0		0.0 PPM
	/BUTADIENE(1,3-BUTADIENE)	1000.0		0.0 PPM
V- 2PS	PERSONAL - FILAMENT WINDER OPERATOR			
	/TETRAHYDROFURAN	200.0		0.0 PPM
	/BUTANONE	200.0		0.0 PPM
	/METHYLENE CHLORIDE	500.0		298.6 PPM
	/ACRYLONITRILE	2.0		0.3 PPM
	/STYRENE	100.0		0.0 PPM
	/BUTADIENE(1,3-BUTADIENE)	1000.0		0.0 PPM
	/TRIETHYLENE TETRAMINE-TETA	10.0	<	0.1 PPM
V- 3PS	PERSONAL - HYDROFORMER OPERATOR			
	/TETRAHYDROFURAN	200.0		0.0 PPM
	/BUTANONE	200.0		0.0 PPM
	/METHYLENE CHLORIDE	500.0		0.0 PPM
	/ACRYLONITRILE	2.0		0.0 PPM
	/STYRENE	100.0		0.0 PPM
	/BUTADIENE(1,3-BUTADIENE)	1000.0		0.0 PPM
V- 4PS	PERSONAL - FORK TRUCK DRIVER			
	/CARBON MONOXIDE	50.0		4.3 PPM
V- 5PS	AREA - WEST OF FOREMAN'S OFFICE IN PERMASTRAN/CARBON MONOXIDE	50.0		5.1 PPM
V- 1SW	PERSONAL - SPIRAL WOUND OPERATOR			
	/TETRAHYDROFURAN	200.0		7.3 PPM

* = STATION EXCEEDS TLV

STATION	DESCRIPTION / HAZARD	TLV	RESULTS
V- 1SW	PERSONAL - SPIRAL WOUND OPERATOR		
	/BUTANONE	200.0	0.0 PPM
	/METHYLENE CHLORIDE	500.0	1.3 PPM
	/ACRYLONITRILE	2.0	0.0 PPM
	/STYRENE	100.0	0.0 PPM
	/BUTADIENE(1,3-BUTADIENE)	1000.0	0.0 PPM
V- 2SW	AREA - GLUE APPLICATOR - WEST SIDE		
	/TETRAHYDROFURAN	200.0	0.0 PPM
	/BUTANONE	200.0	0.0 PPM
	/METHYLENE CHLORIDE	500.0	0.9 PPM
	/ACRYLONITRILE	2.0	0.0 PPM
	/STYRENE	100.0	0.0 PPM
	/BUTADIENE(1,3-BUTADIENE)	1000.0	0.0 PPM
V- 4SW	AREA - ACCUMULATION RACK - EAST SIDE		DID NOT OPERATE
V- 5SW	PERSONAL- FINISHER		
	/TETRAHYDROFURAN	200.0	0.0 PPM
	/BUTANONE	200.0	0.0 PPM
	/METHYLENE CHLORIDE	500.0	0.9 PPM
	/ACRYLONITRILE	2.0	0.0 PPM
	/STYRENE	100.0	0.0 PPM
	/BUTADIENE(1,3-BUTADIENE)	1000.0	0.0 PPM

* = STATION EXCEEDS TLV

STATION	DESCRIPTION / HAZARD	TLV	RESULTS
R- 1S	AREA - MICROWAVE OVEN - PERMASTRAN		
	LUNCH ROOM / MICROWAVE	10.0	0.0 mW/cm2
	/ MICROWAVE	10.0	0.0 mW/cm2
	/ MICROWAVE	10.0	0.0 mW/cm2
	/ MICROWAVE	10.0	0.0 mW/cm2
	/ MICROWAVE	10.0	0.0 mW/cm2
	/ MICROWAVE	10.0	0.0 mW/cm2
R- 2S	AREA - MICROWAVE OVENS IN VENDING AREA		
	FINISHING / MICROWAVE	10.0	0.2 mW/cm2
	/ MICROWAVE	10.0	0.2 mW/cm2
	/ MICROWAVE	10.0	0.2 mW/cm2
	/ MICROWAVE	10.0	0.2 mW/cm2
	/ MICROWAVE	10.0	0.2 mW/cm2
	/ MICROWAVE	10.0	0.2 mW/cm2
R- 3S	AREA - X-RAY UNIT IN MEDICAL DEPARTMENT		
	/ X-RAY	5.000	0.0 R
R- 4S	AREA - MICROWAVE OVEN - CAFETERIA - LITT		
	ON / MICROWAVE	10.0	0.0 mW/cm2
	/ MICROWAVE	10.0	0.0 mW/cm2
	/ MICROWAVE	10.0	0.8 mW/cm2
	/ MICROWAVE	10.0	0.0 mW/cm2
	/ MICROWAVE	10.0	0.0 mW/cm2
	/ MICROWAVE	10.0	0.0 mW/cm2

* = STATION EXCEEDS TLV

##########

Station number: D- 1DH
Description: COLLECTOR - FINISHING END - OLD
No Visible Emissions

##########

Station number: D- 2DH
Description: COLLECTOR - FINISHING END - NEW
No Visible Emissions

##########

Station number: D- 3DH
Description: COLLECTOR - FORMING END
No Visible Emissions

##########

Station number: D- 1F
Description: PERSONAL - WET SLASH [illegible]PERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	1121-1512	2.0	0.2 F/CC
2	10/19/82	1057-1358	2.0	0.2 F/CC
			T.W.A.	0.2 F/CC

Station number: D- 1F continued
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : NUISANCE RESPIRABLE

Samp.#	Date	Time	TLV	Survey Results
1	10/19/82	0811-1518	5.00	0.03 mg/M3
			T.W.A.	0.03 mg/M3

##########

Station number: D- 2F
Description: PERSONAL - #1 UPL - NORTH SIDE OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results
1	10/19/82	0750-1054	2.0	0.0 F/CC
			T.W.A.	0.0 F/CC

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : RESPIRABLE QUARTZ

Samp.#	Date	Time	TLV	Survey Results
1	10/19/82	0748-1518	100.0	17.0 ug/M3
			T.W.A.	17.0 ug/M3

Station number D- 2F continued
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : RESPIRABLE QUARTZ

Samp.#	Date	Time	TLV	Survey Results		
1	10/19/82	0748-1518	0.40		0.07	mg/M3
			T.W.A.		0.07	mg/M3

##########

Station number: D- 3F
Description: PERSONAL - #1 UPL UNIT LOADER OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/19/82	0755-1036	2.0		0.0	F/CC
			T.W.A.		0.0	F/CC

##########

Station number: D- 4F
Description: PERSONAL - #2 UPL-NORTH SIDE OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/18/82	1131-1507	2.0		0.1	F/CC
2	10/20/82	1120-1342	2.0	<	0.1	F/CC
			T.W.A.	<	0.1	F/CC

Station number D- 4F continued
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : RESPIRABLE QUARTZ

Samp.#	Date	Time	TLV		Survey Results	
1	10/21/82	0952-1630	> 0.59		0.10	mg/M3
			T.W.A.		0.10	mg/M3

##########

Station number: D- 5F
Description: PERSONAL - #2 UPL UNIT LOADER OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV		Survey Results	
1	10/18/82	1131-1514	2.0		0.2	F/CC
2	10/20/82	1120-1340	2.0	<	0.1	F/CC
			T.W.A.	<	0.1	F/CC

##########

Station number: D- 6F
Description: PERSONAL - MOA LATHE OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV		Survey Results	
1	10/18/82	1146-1510	2.0		0.3	F/CC
2	10/19/82	1044-1402	2.0		0.1	F/CC
			T.W.A.		0.2	F/CC

Station number D- 6F continued
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : RESPIRABLE QUARTZ

Samp.#	Date	Time	TLV	Survey Results
1	10/19/82	0758-1509	> 0.38	0.06 mg/M3
			T.W.A.	0.06 mg/M3

##########

Station number: D- 7F
Description: PERSONAL - #2 K&C SOUTH SIDE OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results
1	10/20/82	0855-1015	2.0	0.2 F/CC
2	10/21/82	0959-1210	2.0	< 0.1 F/CC
			T.W.A.	< 0.1 F/CC

##########

tation number: D- 8F
escription: PERSONAL - #2 K&C TAKE-OFF MAN
Reason station did not operate: LATHE NOT OPERATING

Station number: D- 9F
Description: PERSONAL - #1 K&C DRILLER/SWING SAW OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/19/82	1101-1301	2.0	<	0.1	F/CC
2	10/19/82	1330-1541	2.0		0.3	F/CC
			T.W.A.	<	0.2	F/CC

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-T.W.A.
Hazard : NUISANCE RESPIRABLE

Samp.#	Date	Time	TLV	Survey Results		
1	10/18/82	0859-1513	5.00		0.05	mg/M3
			T.W.A.		0.05	mg/M3

##########

Station number: D-10F
Description: PERSONAL - COUPLING TESTER OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/18/82	0857-1110	2.0		0.1	F/CC
2	10/19/82	1045-1250	2.0	<	0.1	F/CC
			T.W.A.	<	0.1	F/CC

Station number: D-11F
Description: PERSONAL - EPOXY AREA MOLDER MAN
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/18/82	0852-1058	2.0	<	0.1	F/CC
2	10/19/82	0821-1030	2.0		0.2	F/CC
			T.W.A.	<	0.1	F/CC

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-T.W.A.
Hazard : NUISANCE RESPIRABLE

Samp.#	Date	Time	TLV	Survey Results		
1	10/18/82	0851-1507	5.00		0.11	mg/M3
			T.W.A.		0.11	mg/M3

##########

Station number: D-12F
Description: PERSONAL - EPOXY AREA SWING SAW OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/18/82	0849-1058	2.0	<	0.1	F/CC
2	10/19/82	0823-1058	2.0		0.3	F/CC
			T.W.A.	<	0.2	F/CC

Station number D-12F continued
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : NUISANCE RESPIRABLE

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	0848-1507	5.00	0.07 mg/M3
			T.W.A.	0.07 mg/M3

##########

Station number: D-13F
Description: PERSONAL - RADIAL DRILL OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results
1	10/20/82	0823-1105	2.0	< 0.1 F/CC
			T.W.A.	< 0.1 F/CC

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : RESPIRABLE QUARTZ

Samp.#	Date	Time	TLV	Survey Results
1	10/20/82	0823-1527	100.0	16.6 ug/M3
			T.W.A.	16.6 ug/M3

Station number D-13F continued
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : RESPIRABLE QUARTZ

Samp.#	Date	Time	TLV	Survey Results
1	10/20/82	0823-1527	0.14	0.03 mg/M3
			T.W.A.	0.03 mg/M3

##########

Station number: D-14F
Description: PERSONAL - FITTINGS LATHE OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	0819-1108	2.0	< 0.1 F/CC
2	10/19/82	0826-1035	2.0	< 0.1 F/CC
			T.W.A.	< 0.1 F/CC

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : RESPIRABLE QUARTZ

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	0819-1514	> 0.30	0.05 mg/M3
			T.W.A.	0.05 mg/M3

Station number: D-15F
Description: PERSONAL - LARGE COUPLING CUT OFF OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/18/82	1151-1512	2.0		0.3	F/CC
2	10/20/82	1124-1348	2.0	<	0.1	F/CC
			T.W.A.	<	0.2	F/CC

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-T.W.A.
Hazard : NUISANCE RESPIRABLE

Samp.#	Date	Time	TLV	Survey Results		
1	10/21/82	0905-1535	5.00		0.11	mg/M3
			T.W.A.		0.11	mg/M3

##########

Station number: D-16F
Description: PERSONAL - #2 UCL OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/18/82	0939-1105	2.0		0.1	F/CC
2	10/19/82	1244-1523	2.0	<	0.1	F/CC
			T.W.A.	<	0.1	F/CC

Station number D-16F continued
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : NUISANCE RESPIRABLE

Samp.#	Date	Time	TLV	Survey Results
1	10/19/82	0805-1523	5.00	0.05 mg/M3
			T.W.A.	0.05 mg/M3

##########

Station number: D-17F
Description: PERSONAL - BORING MILL OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	0927-1105	2.0	< 0.1 F/CC
2	10/20/82	1133-1348	2.0	< 0.1 F/CC
			T.W.A.	< 0.1 F/CC

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : NUISANCE RESPIRABLE

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	0932-1516	5.00	0.07 mg/M3
			T.W.A.	0.07 mg/M3

Station number: D-18F
Description: PERSONAL - NIPPLE LATHE OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/18/82	0911-1059	2.0		0.1	F/CC
2	10/20/82	1134-1349	2.0	<	0.1	F/CC
			T.W.A.	<	0.1	F/CC

##########

Station number: D-21F
Description: PERSONAL - BAND SAW OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/18/82	0911-1104	2.0		0.4	F/CC
2	10/18/82	1304-1526	2.0		0.4	F/CC
			T.W.A.		0.4	F/CC

##########

Station number: D-22F
Description: PERSONAL - TRACER LATHE OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/20/82	0835-1105	2.0		0.2	F/CC
2	10/21/82	0834-1117	2.0	<	0.1	F/CC
			T.W.A.	<	0.1	F/CC

Station number D-22F continued
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : NUISANCE RESPIRABLE

Samp.#	Date	Time	TLV	Survey Results		
1	10/20/82	0835-1526	5.00		0.04	mg/M3
			T.W.A.		0.04	mg/M3

##########

Station number: D-23F
Description: PERSONAL - SMALL COUPLING CUT-OFF OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/21/82	0936-1201	2.0		0.1	F/CC
2	10/21/82	1120-1459	2.0	<	0.1	F/CC
			T.W.A.	<	0.1	F/CC

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : RESPIRABLE QUARTZ

Samp.#	Date	Time	TLV	Survey Results		
1	10/19/82	0809-1524	> 0.22		0.03	mg/M3
			T.W.A.		0.03	mg/M3

Station number: D-24F
Description: PERSONAL - MONOLITHIC LATHE OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results
1	10/20/82	0828-1105	2.0	< 0.1 F/CC
2	10/21/82	0909-1119	2.0	0.1 F/CC
			T.W.A.	< 0.1 F/CC

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-T.W.A.
Hazard : RESPIRABLE QUARTZ

Samp.#	Date	Time	TLV	Survey Results
1	10/19/82	0821-1528	> 0.14	0.02 mg/M3
			T.W.A.	0.02 mg/M3

##########

Station number: D-25F
Description: PERSONAL - MONOLITHIC SAW OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results
1	10/19/82	0801-1041	2.0	0.2 F/CC
2	10/19/82	1041-1402	2.0	0.1 F/CC
			T.W.A.	0.2 F/CC

Station number: D-26F
Description: PERSONAL - #1 UCL OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	0942-1104	2.0	0.4 F/CC
2	10/20/82	1132-1348	2.0	0.2 F/CC
			T.W.A.	0.3 F/CC

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : RESPIRABLE QUARTZ

Samp.#	Date	Time	TLV	Survey Results
1	10/19/82	0806-1523	100.0	26.9 ug/M3
			T.W.A.	26.9 ug/M3

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : RESPIRABLE QUARTZ

Samp.#	Date	Time	TLV	Survey Results
1	10/19/82	0806-1523	0.91	0.32 mg/M3
			T.W.A.	0.32 mg/M3

Station number: D-27F
Description: PERSONAL - SAMPLING LATHE OPERATOR
Reason station did not operate: LATHE NOT SCHEDULED

##########

Station number: D-28F
Description: PERSONAL - LARGE FORK TRUCK DRIVER
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/20/82	0821-1111	2.0	<	0.1	F/CC
2	10/21/82	1220-1503	2.0	<	0.1	F/CC
			T.W.A.	<	0.1	F/CC

##########

Station number: D-29F
Description: PERSONAL - SMALL FORK TRUCK DRIVER
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/18/82	1149-1516	2.0		0.1	F/CC
2	10/20/82	1136-1346	2.0	<	0.1	F/CC
			T.W.A.	<	0.1	F/CC

Station number D-29F continued
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : NUISANCE RESPIRABLE

Samp.#	Date	Time	TLV	Survey Results
1	10/13/82	0812-1514	5.00	0.06 mg/M3
			T.W.A.	0.06 mg/M3

##########

Station number: D-30F
Description: PERSONAL - PLATFORM TRUCK DRIVER
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	1155-1507	2.0	< 0.1 F/CC
2	10/20/82	1340-1550	2.0	< 0.1 F/CC
			T.W.A.	< 0.1 F/CC

##########

Station number: D-31F
Description: PERSONAL - TAPER COUPLING LATHE
Reason station did not operate: LATHE NOT SCHEDULED

Station number: D- 1WE
Description: PERSONAL - 13' LINE MACHINE TENDER
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/19/82	1405-1552	2.0	<	0.1	F/CC
2	10/20/82	1051-1415	2.0	<	0.1	F/CC
			T.W.A.	<	0.1	F/CC

##########

Station number: D- 2WE
Description: PERSONAL - 13' LINE CONSOLE OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/19/82	1410-1552	2.0		0.0	F/CC
2	10/20/82	1053-1415	2.0	<	0.1	F/CC
			T.W.A.	<	0.1	F/CC

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : NUISANCE RESPIRABLE

Samp.#	Date	Time	TLV	Survey Results		
1	10/21/82	0920-1630	5.00		0.03	mg/M3
			T.W.A.		0.03	mg/M3

Station number: D- 3WE
Description: PERSONAL - 13' LINE TAKE-OFF MAN
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/20/82	0815-1105	2.0	<	0.1	F/CC
2	10/21/82	0947-1206	2.0	<	0.1	F/CC
			T.W.A.	<	0.1	F/CC

##########

Station number: D- 4WE
Description: PERSONAL - 10' LINE CONSOLE OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/19/82	1120-1516	2.0	<	0.1	F/CC
2	10/21/82	0927-1156	2.0	<	0.1	F/CC
			T.W.A.	<	0.1	F/CC

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : NUISANCE RESPIRABLE

Samp.#	Date	Time	TLV	Survey Results	
1	10/21/82	0927-1601	5.00	0.10	mg/M3
			T.W.A.	0.10	mg/M3

Station number: D- 5WE
Description: PERSONAL - 10' LINE - TAKE OFF MAN
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/19/82	1354-1611	2.0	<	0.1	F/CC
2	10/21/82	0941-1328	2.0		0.2	F/CC
			T.W.A.	<	0.1	F/CC

##########

Station number: D- 6WE
Description: AREA - UNDER 13' LINE WEIGH BINS
Personal Protective Equip. Worn: DOES NOT APPLY
Sample Type : STATION- SIMPLE AVERAGE
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/19/82	1111-1400	2.0	<	0.1	F/CC
2	10/20/82	1400-1553	2.0	<	0.1	F/CC
			SIMPLE AVG.	<	0.1	F/CC

Personal Protective Equip. Worn: DOES NOT APPLY
Sample Type : STATION- SIMPLE AVERAGE
Hazard : RESPIRABLE QUARTZ

Samp.#	Date	Time	TLV	Survey Results		
1	10/19/82	0819-1555	0.48		0.07	mg/M3
			SIMPLE AVG.		0.07	mg/M3

Station number: D- 7WE
Description: PERSONAL - WILLOW FEED OPERATOR
Personal Protective Equip. Worn: YES
Sample Type : PERSONAL- T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results
1	10/19/82	1112-1345	2.0	1.2 F/CC
2	10/20/82	1400-1554	2.0	0.2 F/CC
			T.W.A.	0.4 F/CC

Personal Protective Equip. Worn: YES
Sample Type : PERSONAL- T.W.A.
Hazard : RESPIRABLE QUARTZ

Samp.#	Date	Time	TLV	Survey Results
1	10/21/82	0915-1530	100.0	28.2 ug/M3
			T.W.A.	28.2 ug/M3

Personal Protective Equip. Worn: YES
Sample Type : PERSONAL- T.W.A.
Hazard : RESPIRABLE QUARTZ

Samp.#	Date	Time	TLV	Survey Results
1	10/21/82	0915-1530	0.53	0.17 mg/M3
			T.W.A.	0.17 mg/M3

Station number: D- 8WE
Description: PERSONAL - TRANSITE PIPE SCRAP GRINDER OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/19/82	1407-1552	2.0		0.4	F/CC
2	10/20/82	1405-1554	2.0		0.1	F/CC
			T.W.A.		0.2	F/CC

##########

Station number: D- 9WE
Description: PERSONAL - 10' LINE MACHINE TENDER
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/19/82	1348-1525	2.0		0.0	F/CC
2	10/21/82	0930-1156	2.0	<	0.1	F/CC
			T.W.A.	<	0.1	F/CC

##########

Station number: D-11WE
Description: AREA - 13' LINE FLOW TROUGH
Personal Protective Equip. Worn: DOES NOT APPLY
Sample Type : STATION- SIMPLE AVERAGE
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/20/82	0751-1050	2.0		0.7	F/CC
2	10/21/82	0919-1149	2.0		0.8	F/CC
			SIMPLE AVG.		0.8	F/CC

Station number: D-12WE
Description: AREA - 10' LINE FLOW TROUGH
Personal Protective Equip. Worn: DOES NOT APPLY
Sample Type : STATION-
SIMPLE AVERAGE
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results
1	10/19/82	1116-1525	2.0	0.1 F/CC
2	10/20/82	1051-1419	2.0	0.5 F/CC
			SIMPLE AVG.	0.3 F/CC

##########

Station number: D-13WE
Description: PERSONAL - OVERHEAD CRANE OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results
1	10/20/82	0808-1108	2.0	< 0.1 F/CC
			T.W.A.	< 0.1 F/CC

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : RESPIRABLE QUARTZ

Samp.#	Date	Time	TLV	Survey Results
1	10/20/82	0808-1528	> 0.37	0.05 mg/M3
			T.W.A.	0.05 mg/M3

Station number: D- 2S
Description: PERSONAL - UNLOADING ASBESTOS FIBER
Reason station did not operate: NO FIBER RECEIVED

##########

Station number: D- 3S
Description: AREA - UNLOADING CEMENT FROM HOPPER CAR
Reason station did not operate: CEMENT RECEIVED IN TRUCKS

##########

Station number: D- 4S
Description: PERSONAL - YARD LOADING MAN
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results
1	10/20/82	0850-1125	2.0	< 0.1 F/CC
2	10/21/82	1220-1512	2.0	< 0.1 F/CC
			T.W.A.	< 0.1 F/CC

##########

Station number: D- 5S
Description: PERSONAL - BALL MILL OPERATOR
Reason station did not operate: CORRECT SAND PURCHASED

Station number: D- 6S
Description: PERSONAL - SWEEPER OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/18/82	1125-1512	2.0	<	0.1	F/CC
2	10/21/82	1224-1447	2.0	<	0.1	F/CC
			T.W.A.	<	0.1	F/CC

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : RESPIRABLE QUARTZ

Samp.#	Date	Time	TLV	Survey Results		
1	10/21/82	0915-1533	> 0.56		0.10	mg/M3
			T.W.A.		0.10	mg/M3

##########

Station number: D-10S
Description: PERSONAL - DEMPSTER DUMPSTER DRIVER
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/19/82	0300-1343	2.0		0.2	F/CC
2	10/20/82	1043-1325	2.0	<	0.1	F/CC
			T.W.A.	<	0.2	F/CC

Station number: D-11S
Description: PERSONAL - #1 UPL INSPECTOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/19/82	0753-1035	2.0	<	0.1	F/CC
			T.W.A.	<	0.1	F/CC

##########

Station number: D-12S
Description: PERSONAL - #2 UPL INSPECTOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/18/82	1135-1511	2.0		0.2	F/CC
2	10/21/82	0955-1228	2.0	<	0.1	F/CC
			T.W.A.	<	0.1	F/CC

##########

Station number: D-13S
Description: PERSONAL - QUALITY CONTROL - ROVING INSPECTOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/18/82	0924-1145	2.0		0.2	F/CC
2	10/20/82	1129-1345	2.0		0.2	F/CC
			T.W.A.		0.2	F/CC

tation number: D-15S
escription: PERSONAL - ELECTRICIAN
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/20/82	0802-1047	2.0	<	0.1	F/CC
2	10/21/82	1122-1436	2.0		0.0	F/CC
			T.W.A.	<	0.1	F/CC

##########

tation number: D-16S
escription: PERSONAL - OILER
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/18/82	1105-1507	2.0	<	0.1	F/CC
2	10/19/82	1250-1504	2.0	<	0.1	F/CC
			T.W.A.	<	0.1	F/CC

##########

ation number: D-17S
scription: PERSONAL - TOOL CRIB - TOOL GRINDER
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results		
1	10/18/82	0902-1108	2.0	<	0.1	F/CC
2	10/19/82	0825-1031	2.0		0.2	F/CC
			T.W.A.	<	0.1	F/CC

Station number D-17S continued
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : RESPIRABLE QUARTZ

Samp.#	Date	Time	TLV		Survey Results	
1	10/18/82	0902-1506	> 1.67		0.46	mg/M3
			T.W.A.		0.46	mg/M3

##########

Station number: D-18S
Description: AREA - UPSTAIRS LUNCH ROOM
Personal Protective Equip. Worn: NO
Sample Type : STATION-
SIMPLE AVERAGE
Hazard : ASBESTOS

Samp.#	Date	Time	TLV		Survey Results	
1	10/20/82	1113-1420	2.0	<	0.1	F/CC
2	10/20/82	1420-1550	2.0		0.0	F/CC
			SIMPLE AVG.	<	0.1	F/CC

##########

tation number: D-20S
escription: PERSONAL - NORTH FIBER WRHS FORK TRUCK OPERATOR
Personal Protective Equip. Worn: YES
Sample Type : PERSONAL-
T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV		Survey Results	
1	10/19/82	0748-0848	2.0	<	0.1	F/CC
			T.W.A.	<	0.1	F/CC

Station number: D-235
Description: AREA - E&R SHOP
Personal Protective Equip. Worn: DOES NOT APPLY
Sample Type : STATION-
SIMPLE AVERAGE
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results
1	10/20/82	0756-1046	2.0	< 0.1 F/CC
2	10/21/82	0912-1124	2.0	< 0.1 F/CC
			SIMPLE AVG.	< 0.1 F/CC

Personal Protective Equip. Worn: DOES NOT APPLY
Sample Type : STATION-
SIMPLE AVERAGE
Hazard : RESPIRABLE QUARTZ

Samp.#	Date	Time	TLV	Survey Results
1	10/20/82	0756-1530	> 0.91	0.15 mg/M3
			SIMPLE AVG.	0.15 mg/M3

##########

Station number: D-255
Description: PERSONAL - REMOVING END PLUGS IN AIR CURED BLDG
Reason station did not operate: PLUGS REMOVED OTHER TIMES

Station number: D-265
Description: PERSONAL - GENERAL MECHANIC
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	1117-1442	2.0	< 0.1 F/CC
2	10/19/82	0822-1236	2.0	< 0.1 F/CC
			T.W.A.	< 0.1 F/CC

##########

Station number: D- 1P
Description: PERSONAL - #3 EXTRUDER OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-T.W.A.
Hazard : NUISANCE RESPIRABLE

Samp.#	Date	Time	TLV	Survey Results
1	10/20/82	0843-1530	5.00	0.05 mg/M3
			T.W.A.	0.05 mg/M3

##########

Station number: D- 5P
Description: PERSONAL - MIXER PLATFORM OPERATOR
Personal Protective Equip. Worn: YES
Sample Type : PERSONAL-T.W.A.
Hazard : RESPIRABLE QUARTZ

Samp.#	Date	Time	TLV	Survey Results
1	10/20/82	0848-1530	> 1.00	0.18 mg/M3
			T.W.A.	0.18 mg/M3

Station number: D- 1IM
Description: AREA - BETWEEN #4 & #5 INJECTION MOLDERS
Reason station did not operate: MOLDERS NOT OPERATING

##########

Station number: D- 2IM
Description: PERSONAL - MIXER OPERATOR
Personal Protective Equip. Worn: YES
Sample Type : PERSONAL- T.W.A.
Hazard : RESPIRABLE QUARTZ

Samp.#	Date	Time	TLV	Survey Results
1	10/21/82	0819-1601	> 0.91	0.14 mg/M3
			T.W.A.	0.14 mg/M3

EXCEEDS TLV - PERSONAL
Personal Protective Equip. Worn: YES
Sample Type : PERSONAL- T.W.A.
Hazard : TOTAL QUARTZ

Samp.#	Date	Time	TLV	Survey Results
1	10/21/82	0819-1601	> 2.50	3.10 mg/M3
			T.W.A.	3.10 mg/M3

Station number: D- 1L
Description: PERSONAL - SANDER OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results
1	10/20/82	0735-1125	2.0	< 0.1 F/CC
			T.W.A.	< 0.1 F/CC

##########

Station number: D- 2L
Description: AREA - WEST SIDE OF CONVEYOR
Personal Protective Equip. Worn: NO
Sample Type : STATION- SIMPLE AVERAGE
Hazard : ASBESTOS

Samp.#	Date	Time	TLV	Survey Results
1	10/20/82	0735-1037	2.0	0.0 F/CC
			SIMPLE AVG.	0.0 F/CC

##########

tation number: D- 3L
escription: PERSONAL - COUPLING COATER IN TEMPTITE BUILDING
Reason station did not operate: NOT COATING CPLGS

##

Station number: N- 1F EXCEEDS TLV - PERSONAL
Description: PERSONAL - WET SAW OPERATOR

Sample Date	: 10/19/82
Time Sample Taken	: 0830-1300
Personal Protective Equip. worn	: EAR PLUGS
Sample Type	: PERSONAL- BOTH, DOSIMETER & CALC.
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	92.5
Leq. dBA Calc.	90	92.0
dBA range	N.A.	85 to 95

##

Station number: N- 2F EXCEEDS 90 dBA - AREA
Description: AREA - #1 UPL NORTHWEST OF OPERATOR

Sample Date	: 10/22/82
Time Sample Taken	: NO TIME INDICATED
Personal Protective Equip. worn	: NOT APPLICABLE
Sample Type	: STATION- STATION
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	---
Leq. dBA Calc.	90	---
dBA range	N.A.	85 to 100

##

tation number: N- 3F EXCEEDS 90 dBA - AREA
escription: AREA - TAKE OFF BTWN #1 & #2 UPL

Sample Date	: 10/22/82
Time Sample Taken	: NO TIME INDICATED
Personal Protective Equip. worn	: NOT APPLICABLE
Sample Type	: STATION- STATION
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	---
Leq. dBA Calc.	90	---
dBA range	N.A.	090 to 104

Station number: N- 4F EXCEEDS TLV - PERSONAL
Description: PERSONAL - #2 UPL NORTH OPERATOR

Sample Date	: 10/20/82
Time Sample Taken	: 0900-1140
Personal Protective Equip. worn	: EAR PLUGS
Sample Type	: PERSONAL- BOTH, DOSIMETER & CALC.
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	94.0
Leq. dBA Calc.	90	94.1
dBA range	N.A.	85 to 100

##########

Station number: N- 5F EXCEEDS 90 dBA - AREA
Description: AREA - #2 UPL NORTH SIDE BELLING OPERATION

Sample Date	: 10/22/82
Time Sample Taken	: NO TIME INDICATED
Personal Protective Equip. worn	: NOT APPLICABLE
Sample Type	: STATION- STATION
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	---
Leq. dBA Calc.	90	---
dBA range	N.A.	91 to 105

##########

Station number: N- 6F EXCEEDS TLV - PERSONAL
Description: PERSONAL - MOA LATHE

Sample Date	: 10/19/82
Time Sample Taken	: 0835-1511
Personal Protective Equip. worn	: EAR PLUGS
Sample Type	: PERSONAL- BOTH, DOSIMETER & CALC.
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	92.6
Leq. dBA Calc.	90	90.6
dBA range	N.A.	85 to 94

Station number: N- 7F EXCEEDS TLV - PERSONAL
Description: PERSONAL - #1 K&C NORTH SIDE

Sample Date	: 10/21/82
Time Sample Taken	: 1106-1445
Personal Protective Equip. worn	: EAR PLUGS
Sample Type	: PERSONAL- BOTH, DOSIMETER & CALC.
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	92.9
Leq. dBA Calc.	90	91.9
dBA range	N.A.	84 to 96

##########

Station number: N- 8F EXCEEDS 90 dBA - AREA
Description: AREA - #1 K&C DRILLING OPERATION

Sample Date	: 10/22/82
Time Sample Taken	: NO TIME INDICATED
Personal Protective Equip. worn	: NOT APPLICABLE
Sample Type	: STATION- STATION
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	---
Leq. dBA Calc.	90	---
dBA range	N.A.	90 to 97

##########

tation number: N- 9F EXCEEDS TLV - PERSONAL
escription: PERSONAL - #2 K&C SOUTH SIDE OPERATOR

Sample Date	: 10/20/82
Time Sample Taken	: 0905-1105
Personal Protective Equip. worn	: EAR PLUGS
Sample Type	: PERSONAL- RANGE & DOSIMETER
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	97.4
Leq. dBA Calc.	90	---
dBA range	N.A.	85 to 96

Station number: N-10F
Description: AREA - SWING SAW BETWEEN #1 & #2 K&C
Reason station not operating: NOT USING DURING SURVEY

##########

Station number: N-11F EXCEEDS 90 dBA - AREA
Description: AREA - EPOXY AREA SWING SAW

Sample Date	: 10/22/82
Time Sample Taken	: NO TIME INDICATED
Personal Protective Equip. worn	: NOT APPLICABLE
Sample Type	: STATION-STATION
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	---
Leq. dBA Calc.	90	---
dBA range	N.A.	85 to 109

##########

Station number: N-12F
Description: AREA - RADIAL DRILL
Reason station not operating: NOT USING DURING SURVEY

##########

Station number: N-13F EXCEEDS 90 dBA - AREA
Description: AREA - LARGE COUPLING CUT OFF

Sample Date	: 10/22/82
Time Sample Taken	: NO TIME INDICATED
Personal Protective Equip. worn	: NOT APPLICABLE
Sample Type	: STATION-STATION
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	---
Leq. dBA Calc.	90	---
dBA range	N.A.	88 to 106

Station number: N-14F
Description: AREA - SMALL COUPLING CUT OFF

Sample Date		: 10/22/82
Time Sample Taken		: NO TIME INDICATED
Personal Protective Equip. worn		: NOT APPLICABLE
Sample Type		: STATION-STATION
Hazard		: NOISE
	TLV	Survey Results
	===	==========
Leq. dBA Dos.	: 90	: ---
Leq. dBA Calc.	: 90	: ---
dBA range	: N.A.	: 84 to 89

##########

Station number: N-15F EXCEEDS 90 dBA - AREA
Description: AREA - #1 UCL

Sample Date		: 10/22/82
Time Sample Taken		: NO TIME INDICATED
Personal Protective Equip. worn		: NOT APPLICABLE
Sample Type		: STATION-STATION
Hazard		: NOISE
	TLV	Survey Results
	===	==========
Leq. dBA Dos.	: 90	: ---
Leq. dBA Calc.	: 90	: ---
dBA range	: N.A.	: 88 to 96

##########

tation number: N-16F EXCEEDS 90 dBA - AREA
escription: AREA - BORING MILL

Sample Date		: 10/22/82
Time Sample Taken		: NO TIME INDICATED
Personal Protective Equip. worn		: NOT APPLICABLE
Sample Type		: STATION-STATION
Hazard		: NOISE
	TLV	Survey Results
	===	==========
Leq. dBA Dos.	: 90	: ---
Leq. dBA Calc.	: 90	: ---
dBA range	: N.A.	: 91 to 117

Station number: N-17F
Description: PERSONAL - EPOXY AREA MOLDING MAN

Sample Date		: 10/19/82
Time Sample Taken		: 0840-1409
Personal Protective Equip. worn		: EAR PLUGS
Sample Type		: PERSONAL-DOSIMETER
Hazard		: NOISE
	TLV	Survey Results
Leq. dBA Dos.	: 90	: 89.1
Leq. dBA Calc.	: 90	: ---
dBA range	: N.A.	: ---

##########

Station number: N-18F
Description: PERSONAL - LARGE FORK TRUCK DRIVER

Sample Date		: 10/19/82
Time Sample Taken		: 0843-1520
Personal Protective Equip. worn		: EAR PLUGS
Sample Type		: PERSONAL-DOSIMETER
Hazard		: NOISE
	TLV	Survey Results
Leq. dBA Dos.	: 90	: 85.1
Leq. dBA Calc.	: 90	: ---
dBA range	: N.A.	: ---

##########

Station number: N-19F EXCEEDS TLV - PERSONAL
Description: PERSONAL - SMALL FORK TRUCK DRIVER

Sample Date		: 10/20/82
Time Sample Taken		: 0846-1512
Personal Protective Equip. worn		: EAR PLUGS
Sample Type		: PERSONAL-DOSIMETER
Hazard		: NOISE
	TLV	Survey Results
Leq. dBA Dos.	: 90	: 91.2
Leq. dBA Calc.	: 90	: ---
dBA range	: N.A.	: ---

Station number: N-20F EXCEEDS TLV - PERSONAL
Description: PERSONAL - PLATFORM TRUCK DRIVER

Sample Date	: 10/13/82
Time Sample Taken	: 0848-1511
Personal Protective Equip. worn	: EAR PLUGS
Sample Type	: PERSONAL-DOSIMETER
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	92.8
Leq. dBA Calc.	90	---
dBA range	N.A.	---

##########

Station number: N- 1WE EXCEEDS TLV - PERSONAL
Description: PERSONAL - WHEELABRATOR

Sample Date	: 10/22/82
Time Sample Taken	: 0839-1130
Personal Protective Equip. worn	: EAR MUFFS
Sample Type	: PERSONAL-RANGE & DOSIMETER
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	99.0
Leq. dBA Calc.	90	---
dBA range	N.A.	90 to 100

##########

Station number: N- 2WE EXCEEDS 90 dBA - AREA
Description: AREA - 10' LINE CONSOLE OPERATORS POSITION

Sample Date	: 10/22/82
Time Sample Taken	: NO TIME INDICATED
Personal Protective Equip. worn	: NOT APPLICABLE
Sample Type	: STATION-STATION
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	---
Leq. dBA Calc.	90	---
dBA range	N.A.	91 to 100

Station number: N- 3WE EXCEEDS 90 dBA - AREA
Description: AREA - 10' LINE-WEST OF TAKE OFF TABLE

Sample Date	: 10/22/82
Time Sample Taken	: NO TIME INDICATED
Personal Protective Equip. worn	: NOT APPLICABLE
Sample Type	: STATION-STATION
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	---
Leq. dBA Calc.	90	---
dBA range	N.A.	88 to 102

##########

Station number: N- 4WE EXCEEDS 90 dBA - AREA
Description: AREA - 13' LINE CONSOLE OPERATORS POSITION

Sample Date	: 10/22/82
Time Sample Taken	: NO TIME INDICATED
Personal Protective Equip. worn	: NOT APPLICABLE
Sample Type	: STATION-STATION
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	---
Leq. dBA Calc.	90	---
dBA range	N.A.	90 to 93

##########

Station number: N- 5WE EXCEEDS TLV - PERSONAL
Description: PERSONAL - 13' LINE EAST TAKE OFF OPER. POSITION

Sample Date	: 10/20/82
Time Sample Taken	: 0927-1130
Personal Protective Equip. worn	: EAR PLUGS
Sample Type	: PERSONAL-DOSIMETER
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	92.8
Leq. dBA Calc.	90	---
dBA range	N.A.	---

Station number: N- 6WE
Description: AREA - UNDER 13' LINE WEIGH BINS

Sample Date	: 10/22/82
Time Sample Taken	: NO TIME INDICATED
Personal Protective Equip. worn	: NOT APPLICABLE
Sample Type	: STATION-STATION
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	---
Leq. dBA Calc.	90	---
dBA range	N.A.	89

##########

Station number: N- 7WE
Description: AREA - 6' SOUTH OF WILLOWS

Sample Date	: 10/22/82
Time Sample Taken	: NO TIME INDICATED
Personal Protective Equip. worn	: NOT APPLICABLE
Sample Type	: STATION-STATION
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	---
Leq. dBA Calc.	90	---
dBA range	N.A.	85

##########

tation number: N- 8WE EXCEEDS 90 dBA - AREA
escription: AREA - SCRAP GRINDER - NORTH SIDE OF FEED

Sample Date	: 10/22/82
Time Sample Taken	: NO TIME INDICATED
Personal Protective Equip. worn	: NOT APPLICABLE
Sample Type	: STATION-STATION
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	---
Leq. dBA Calc.	90	---
dBA range	N.A.	85 to 106

Station number: N- 5S
Description: PERSONAL - BOILER HOUSE

Sample Date	: 10/20/82
Time Sample Taken	: 0936-1142
Personal Protective Equip. worn	: NOT REQUIRED
Sample Type	: PERSONAL- DOSIMETER
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	85.9
Leq. dBA Calc.	90	---
dBA range	N.A.	---

##########

Station number: N- 6S
Description: PERSONAL - SWEEPER OPERATOR

Sample Date	: 10/20/82
Time Sample Taken	: 0946-1146
Personal Protective Equip. worn	: EAR PLUGS
Sample Type	: PERSONAL- DOSIMETER
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	86.3
Leq. dBA Calc.	90	---
dBA range	N.A.	---

##########

Station number: N- 1P EXCEEDS TLV - PERSONAL
Description: PERSONAL - #1 EXTRUDER OPERATOR

Sample Date	: 10/21/82
Time Sample Taken	: 1059-1444
Personal Protective Equip. worn	: EAR PLUGS
Sample Type	: PERSONAL- BOTH, DOSIMETER & CALC.
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	90.5
Leq. dBA Calc.	90	93.6
dBA range	N.A.	86 to 96

Station number: N- 3P EXCEEDS TLV - PERSONAL
Description: PERSONAL - #2 EXTRUDER OPERATOR

Sample Date	: 10/20/82
Time Sample Taken	: 1154-1536
Personal Protective Equip. worn	: EAR PLUGS
Sample Type	: PERSONAL- BOTH, DOSIMETER & CALC.
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	92.8
Leq. dBA Calc.	90	92.8
dBA range	N.A.	87 to 95

##########

Station number: N- 4P EXCEEDS TLV - PERSONAL
Description: PERSONAL - #3 EXTRUDER OPERATOR

Sample Date	: 10/20/82
Time Sample Taken	: 1153-1534
Personal Protective Equip. worn	: EAR PLUGS
Sample Type	: PERSONAL- DOSIMETER
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	91.0
Leq. dBA Calc.	90	---
dBA range	N.A.	---

##########

tation number: N- 5P
escription: AREA - MIXER PLATFORM OPERATOR

Sample Date	: 10/20/82
Time Sample Taken	: 1148-1538
Personal Protective Equip. worn	: NONE
Sample Type	: PERSONAL- DOSIMETER
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	83.7
Leq. dBA Calc.	90	---
dBA range	N.A.	---

Station number: N- 7P EXCEEDS 90 dBA - AREA
Description: AREA - SCRAP GRINDER (PLASTICS)

Sample Date	: 10/22/82
Time Sample Taken	: NO TIME INDICATED
Personal Protective Equip. worn	: NOT APPLICABLE
Sample Type	: STATION-STATION
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	---
Leq. dBA Calc.	90	---
dBA range	N.A.	88 to 98

##########

Station number: N- 8P EXCEEDS TLV - PERSONAL
Description: PERSONAL - #4 EXTRUDER OPERATOR

Sample Date	: 10/20/82
Time Sample Taken	: 1150-1539
Personal Protective Equip. worn	: EAR PLUGS
Sample Type	: PERSONAL-DOSIMETER
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	92.4
Leq. dBA Calc.	90	---
dBA range	N.A.	---

##########

Station number: N-12P EXCEEDS 90 dBA - AREA
Description: AREA - ZIP SAW

Sample Date	: 10/22/82
Time Sample Taken	: NO TIME INDICATED
Personal Protective Equip. worn	: NOT APPLICABLE
Sample Type	: STATION-STATION
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	---
Leq. dBA Calc.	90	---
dBA range	N.A.	90 to 116

Station number: N-13P EXCEEDS TLV - PERSONAL
Description: PERSONAL - #5 EXTRUDER OPERATOR

Sample Date	: 10/20/82
Time Sample Taken	: 1157-1537
Personal Protective Equip. worn	: EAR MUFFS
Sample Type	: PERSONAL-DOSIMETER
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	92.7
Leq. dBA Calc.	90	---
dBA range	N.A.	---

##########

Station number: N-18P
Description: AREA - PORTABLE BOX TILTER - VIBRATOR
Reason station not operating: VIBRATOR NOT OPERATING

##########

Station number: N-19P EXCEEDS TLV - PERSONAL
Description: PERSONAL - #6 EXTRUDER OPERATOR

Sample Date	: 10/21/82
Time Sample Taken	: 1100-1415
Personal Protective Equip. worn	: EAR PLUGS
Sample Type	: PERSONAL-DOSIMETER
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	92.1
Leq. dBA Calc.	90	---
dBA range	N.A.	---

Station number: N- 1IM
Description: PERSONAL - MIXER OPERATOR

Sample Date	: 10/21/82
Time Sample Taken	: 0809-1415
Personal Protective Equip. worn	: EAR PLUGS
Sample Type	: PERSONAL-DOSIMETER
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	84.4
Leq. dBA Calc.	90	---
dBA range	N.A.	---

##########

Station number: N- 2IM
Description: PERSONAL - PACKER ASSEMBLER

Sample Date	: 10/21/82
Time Sample Taken	: 0810-1428
Personal Protective Equip. worn	: NONE
Sample Type	: PERSONAL-DOSIMETER
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	< 80
Leq. dBA Calc.	90	---
dBA range	N.A.	---

##########

Station number: N- 3IM
Description: AREA - BETWEEN #3&#4 INJECTION MOLDER
Reason station not operating: BOTH EXTRUDERS DOWN

Station number: N- 4IM EXCEEDS 90 dBA - AREA
Description: AREA - BETWEEN #1&#2 INJECTION MOLDER

Sample Date		: 10/22/82
Time Sample Taken		: NO TIME INDICATED
Personal Protective Equip. worn		: NOT APPLICABLE
Sample Type		: STATION-STATION
Hazard		: NOISE
	TLV	Survey Results
	===	==========
Leq. dBA Dos.	: 90	: ---
Leq. dBA Calc.	: 90	: ---
dBA range	: N.A.	: 81 to 96

##########

Station number: N- 5IM
Description: PERSONAL - SCRAP GRINDER
Reason station not operating: NOT GRINDING SCRAP

##########

Station number: N- 1L EXCEEDS TLV - PERSONAL
Description: PERSONAL - SANDER OPERATOR

Sample Date		: 10/20/82
Time Sample Taken		: 0740-1126
Personal Protective Equip. worn		: NONE
Sample Type		: PERSONAL-DOSIMETER
Hazard		: NOISE
	TLV	Survey Results
	===	==========
Leq. dBA Dos.	: 90	: 91.1
Leq. dBA Calc.	: 90	: ---
dBA range	: N.A.	: ---

Station number: N- 1SW EXCEEDS TLV - PERSONAL
Description: PERSONAL - SPIRAL WOUND OPERATOR

Sample Date	: 10/21/82
Time Sample Taken	: 0740-1409
Personal Protective Equip. worn	: NONE
Sample Type	: PERSONAL-DOSIMETER
Hazard	: NOISE

	TLV	Survey Results
Leq. dBA Dos.	90	90.3
Leq. dBA Calc.	90	---
dBA range	N.A.	---

##

Station number: V- 1F
Description: PERSONAL - SOLVENT WELDING

Personal Protective Equip. Worn: DOES NOT APPLY
Sample Type : PERSONAL-
T.W.A.
Hazard : TETRAHYDROFURAN

Samp.#	Date	Time	TLV	Survey Results
1	10/22/82	0848-1120	200.0	0.0 ppm
2	10/22/82	0931-1120	200.0	35.1 ppm
			T.W.A.	7.4 ppm

Personal Protective Equip. Worn: DOES NOT APPLY
Sample Type : PERSONAL-
T.W.A.
Hazard : BUTANONE

Samp.#	Date	Time	TLV	Survey Results
1	10/22/82	0848-1120	200.0	0.0 ppm
2	10/22/82	0931-1120	200.0	0.0 ppm
			T.W.A.	0.0 ppm

Personal Protective Equip. Worn: DOES NOT APPLY
Sample Type : PERSONAL-
T.W.A.
Hazard : METHYLENE CHLORIDE

Samp.#	Date	Time	TLV	Survey Results
1	10/22/82	0931-1120	500.0	0.0 ppm
2	10/22/82	0848-1120	500.0	0.0 ppm
			T.W.A.	0.0 ppm

Station number V- 1F continued

Personal Protective Equip. Worn: DOES NOT APPLY
Sample Type : PERSONAL-
T.W.A.
Hazard : ACRYLONITRILE

Samp.#	Date	Time	TLV	Survey Results
1	10/22/82	0848-1120	2.0	0.0 ppm
2	10/22/82	0931-1120	2.0	0.0 ppm
			T.W.A.	0.0 ppm

Personal Protective Equip. Worn: DOES NOT APPLY
Sample Type : PERSONAL-
T.W.A.
Hazard : STYRENE

Samp.#	Date	Time	TLV	Survey Results
1	10/22/82	0848-1120	100.0	0.0 ppm
2	10/22/82	0931-1120	100.0	0.0 ppm
			T.W.A.	0.0 ppm

Personal Protective Equip. Worn: DOES NOT APPLY
Sample Type : PERSONAL-
T.W.A.
Hazard : BUTADIENE(1,3-BUTADIENE)

Samp.#	Date	Time	TLV	Survey Results
1	10/22/82	0848-1120	1000.0	0.0 ppm
2	10/22/82	0931-1120	1000.0	0.0 ppm
			T.W.A.	0.0 ppm

Station number V- 1F continued
Personal Protective Equip. Worn: DOES NOT APPLY
Sample Type : PERSONAL-
CEILING
Hazard : TOLUENE-2,4-DIISOCYANATE

Samp.#	Date	Time	TLV		Survey Results
1	10/22/82	0840-1530	0.02	<	0.01 ppm
			CEILING	<	0.01 ppm

##########

Station number: V- 2F
Description: PERSONAL - PLATFORM TRUCK DRIVER
Personal Protective Equip. Worn: DOES NOT APPLY
Sample Type : PERSONAL-
T.W.A.
Hazard : CARBON MONOXIDE

Samp.#	Date	Time	TLV	Survey Results
1	10/19/82	1058-1513	50.0	11.8 ppm
			T.W.A.	11.8 ppm

##########

Station number: V- 3F
Description: PERSONAL - LARGE FORK TRUCK DRIVER
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : CARBON MONOXIDE

Samp.#	Date	Time	TLV	Survey Results
1	10/19/82	1058-1320	50.0	21.7 ppm
			T.W.A.	21.7 ppm

Station number: V- 4F
Description: AREA - FINISHING END AISLE
Personal Protective Equip. Worn: DOES NOT APPLY
Sample Type : STATION-
SIMPLE AVERAGE
Hazard : CARBON MONOXIDE

Samp.#	Date	Time	TLV	Survey Results
1	10/19/82	1059-1515	50.0	7.1 ppm
			SIMPLE AVG.	7.1 ppm

##########

Station number: V- 5F
Description: PERSONAL - SMALL FORK TRUCK DRIVER
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : CARBON MONOXIDE

Samp.#	Date	Time	TLV	Survey Results
1	10/20/82	0917-1317	50.0	23.2 ppm
			T.W.A.	23.2 ppm

##########

Station number: V- 7F
Description: PERSONAL - UTILITY TRUCK DRIVER
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : CARBON MONOXIDE

Samp.#	Date	Time	TLV	Survey Results
1	10/20/82	0942-1324	50.0	5.2 ppm
			T.W.A.	5.2 ppm

Station number: V- 1WE
Description: AREA - 13' LINE HCL APPLICATION
Reason station not operating or sampled: NOT CLEANING MANDREL

##########

Station number: V- 2WE
Description: AREA - 10' LINE CONTROL VALVE
Reason station not operating or sampled: NOT CLEANING MANDREL

##########

Station number: V- 3WE
Description: AREA - CLEANING SCREEN MOLDS
Reason station not operating or sampled: NOT CLEANING MANDRELS

##########

Station number: V- 4WE
Description: PERSONAL - WILLOW OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : CARBON MONOXIDE

Samp.#	Date	Time	TLV	Survey Results
1	10/20/82	0925-1325	50.0	3.0 ppm
			T.W.A.	3.0 ppm

##########

Station number: V- 2S
Description: AREA - NEAR COMPRESSOR IN SUB-BASEMENT
Personal Protective Equip. Worn: NO
Sample Type : STATION-
SIMPLE AVERAGE
Hazard : METHANE

Samp.#	Date	Time	TLV	Survey Results
1	10/22/82	0936-0937	1000.0	0.0 ppm
			SIMPLE AVG.	0.0 ppm

Station number: V- 3S
Description: AREA - MAIN PROPANE STORAGE TANK
Personal Protective Equip. Worn: NO
Sample Type : STATION-
SIMPLE AVERAGE
Hazard : PROPANE

Samp.#	Date	Time	TLV	Survey Results
1	10/22/82	0810-0815	1000.0	0.0 ppm
2	10/22/82	0815-0819	1000.0	600.0 ppm
			SIMPLE AVG.	300.0 ppm

##########

Station number: V- 5S
Description: AREA - BOILER HOUSE
Personal Protective Equip. Worn: NO
Sample Type : STATION-
SIMPLE AVERAGE
Hazard : METHANE

Samp.#	Date	Time	TLV	Survey Results
1	10/22/82	0736-0738	1000.0	0.0 ppm
			SIMPLE AVG.	0.0 ppm

##########

Station number: V- 6S
Description: AREA - GAS FIRED DRYER AT WEST END OF BALL MILL
Reason station not operating or sampled: BALL MILL DOWN

Station number: V- 7S
Description: AREA - NORTH FIBER WAREHOUSE
Personal Protective Equip. Worn: NO
Sample Type : STATION-
SIMPLE AVERAGE
Hazard : CARBON MONOXIDE

Samp.#	Date	Time	TLV	Survey Results
1	10/20/82	1411-1556	50.0	10.3 ppm
		SIMPLE AVG.		10.3 ppm

##########

Station number: V- 9S
Description: PERSONAL - S&R FORK TRUCK DRIVER
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : CARBON MONOXIDE

Samp.#	Date	Time	TLV	Survey Results
1	10/20/82	1413-1556	50.0	2.3 ppm
		T.W.A.		2.3 ppm

##########

Station number: V- 1P
Description: PERSONAL - MIXER OPERATOR
Personal Protective Equip. Worn: YES
Sample Type : PERSONAL-
T.W.A.
Hazard : VINYL CHLORIDE

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	0854-1047	1.0	0.0 ppm
2	10/18/82	1047-1253	1.0	0.0 ppm
3	10/18/82	1253-1558	1.0	0.0 ppm
4	10/18/82	0850-1159	1.0	0.0 ppm
5	10/18/82	1159-1303	1.0	0.0 ppm
		T.W.A.		0.0 ppm

Station number: V- 2P
Description: PERSONAL - #1 EXTRUDER OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : VINYL CHLORIDE

Samp.#	Date	Time	TLV	Survey Results
1	10/19/82	0838-1037	1.0	0.0 ppm
2	10/19/82	1037-1231	1.0	0.0 ppm
3	10/19/82	1231-1600	1.0	0.0 ppm
4	10/20/82	0902-1104	1.0	0.0 ppm
5	10/20/82	1104-1308	1.0	0.0 ppm
			T.W.A.	0.0 ppm

##########

Station number: V- 3P
Description: PERSONAL - MAINTENANCE OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : VINYL CHLORIDE

Samp.#	Date	Time	TLV	Survey Results
1	10/20/82	1313-1535	1.0	0.0 ppm
2	10/21/82	0858-1055	1.0	0.0 ppm
3	10/21/82	1055-1317	1.0	0.0 ppm
4	10/21/82	1317-1435	1.0	0.0 ppm
5	10/21/82	1435-1540	1.0	0.0 ppm
			T.W.A.	0.0 ppm.

Station number: V- 4P
Description: PERSONAL - UTILITY OPERATOR (GRINDER OPERATOR)
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : VINYL CHLORIDE

Samp.#	Date	Time	TLV	Survey Results
1	10/20/82	1322-1535	1.0	0.0 ppm
2	10/21/82	0856-1048	1.0	0.0 ppm
3	10/21/82	1048-1332	1.0	0.0 ppm
			T.W.A.	0.0 ppm

##########

Station number: V-20P
Description: PERSONAL - #4 EXTRUDER OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : VINYL CHLORIDE

Samp.#	Date	Time	TLV	Survey Results
1	10/19/82	0832-1044	1.0	0.0 ppm
2	10/19/82	1044-1258	1.0	0.0 ppm
3	10/19/82	1258-1600	1.0	0.0 ppm
4	10/20/82	0900-1106	1.0	0.0 ppm
5	10/20/82	1106-1319	1.0	0.0 ppm
			T.W.A.	0.0 ppm

tation number: V-23P
escription: PERSONAL - FORK TRUCK DRIVER
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : VINYL CHLORIDE

amp.#	Date	Time	TLV	Survey Results
1	10/19/82	0845-1040	1.0	0.0 ppm
2	10/19/82	1040-1302	1.0	0.0 ppm
3	10/19/82	1302-1559	1.0	0.0 ppm
4	10/20/82	0904-1110	1.0	0.0 ppm
5	10/20/82	1110-1305	1.0	0.0 ppm
			T.W.A.	0.0 ppm

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : CARBON MONOXIDE

amp.#	Date	Time	TLV	Survey Results
1	10/21/82	0858-1451	50.0	2.0 ppm
			T.W.A.	2.0 ppm

##########

tation number: V- 1IM
escription: PERSONAL - PACKER ASSEMBLER
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : VINYL CHLORIDE

amp.#	Date	Time	TLV	Survey Results
1	10/20/82	1349-1601	1.0	0.0 ppm
2	10/21/82	0836-1033	1.0	0.0 ppm
3	10/21/82	1033-1246	1.0	0.0 ppm
4	10/21/82	1246-1428	1.0	0.0 ppm
5	10/21/82	1428-1606	1.0	0.0 ppm
			T.W.A.	0.0 ppm

Station number: V- 4IM
Description: PERSONAL - CREW LEADER
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : VINYL CHLORIDE

Samp.#	Date	Time	TLV	Survey Results
1	10/20/82	1353-1601	1.0	0.0 ppm
2	10/20/82	0832-1030	1.0	0.0 ppm
3	10/20/82	1030-1249	1.0	0.0 ppm
4	10/20/82	1249-1425	1.0	0.0 ppm
5	10/20/82	1425-1607	1.0	0.0 ppm
			T.W.A.	0.0 ppm

##########

Station number: V- 5IM
Description: PERSONAL - MIXER OPERATOR
Personal Protective Equip. Worn: YES
Sample Type : PERSONAL- T.W.A.
Hazard : VINYL CHLORIDE

Samp.#	Date	Time	TLV	Survey Results
1	10/20/82	1344-1602	1.0	0.0 ppm
2	10/21/82	0821-1025	1.0	0.0 ppm
3	10/21/82	1025-1239	1.0	0.0 ppm
4	10/21/82	1239-1415	1.0	0.0 ppm
5	10/21/82	1415-1605	1.0	0.0 ppm
			T.W.A.	0.0 ppm

Station number: V- 1L
Description: AREA - T.O. & VALVE STATION
Personal Protective Equip. Worn: NO
Sample Type : STATION-
SIMPLE AVERAGE
Hazard : TRIETHYLENE TETRAMINE-TETA

Samp.#	Date	Time	TLV		Survey Results
1	10/19/82	0934-0941	10.0	<	0.1 ppm
2	10/19/82	0944-0954	10.0	<	0.1 ppm
		SIMPLE AVG.		<	0.1 ppm

Personal Protective Equip. Worn: NO
Sample Type : STATION-
SIMPLE AVERAGE
Hazard : PHENOL-SKIN

Samp.#	Date	Time	TLV	Survey Results
1	10/19/82	0931-1001	5.0	0.0 ppm
2	10/19/82	1001-1031	5.0	0.0 ppm
		SIMPLE AVG.		0.0 ppm

##########

Station number: V- 2L
Description: AREA - WEST SIDE TAKE-OFF
Personal Protective Equip. Worn: NO
Sample Type : STATION-
SIMPLE AVERAGE
Hazard : TRIETHYLENE TETRAMINE-TETA

Samp.#	Date	Time	TLV		Survey Results
1	10/19/82	1318-1328	10.0	<	0.1 ppm
2	10/19/82	1328-1338	10.0	<	0.1 ppm
		SIMPLE AVG.		<	0.1 ppm

Station number V- 2L continued
Personal Protective Equip. Worn: NO
Sample Type : STATION-
SIMPLE AVERAGE
Hazard : PHENOL-SKIN

Samp.#	Date	Time	TLV	Survey Results
1	10/19/82	1315-1345	5.0	0.0 ppm
2	10/19/82	1315-1345	5.0	0.0 ppm
			SIMPLE AVG.	0.0 ppm

##########

Station number: V- 3L
Description: PERSONAL - COUPLING COATER OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : TRIETHYLENE TETRAMINE-TETA

Samp.#	Date	Time	TLV		Survey Results
1	10/19/82	0954-1004	10.0	<	0.1 ppm
2	10/19/82	1004-1014	10.0	<	0.1 ppm
			T.W.A.	<	0.1 ppm

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : PHENOL-SKIN

Samp.#	Date	Time	TLV	Survey Results
1	10/19/82	0930-1000	5.0	0.0 ppm
2	10/19/82	1000-1030	5.0	0.0 ppm
			T.W.A.	0.0 ppm

Station number: V- 4L
Description: PERSONAL - SOFT WATER COATING TRUCK DRIVER
Reason station not operating or sampled: NOT SOFT WATER COATING

##########

Station number: V- 1T
Description: PERSONAL - T/T OPERATORS POSITION
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-CEILING
Hazard : METHYLENE BISPHENYLISOCYANATE

Samp.#	Date	Time	TLV		Survey Results
1	10/20/82	0730-1455	0.02	<	0.01 ppm
			CEILING	<	0.01 ppm

##########

Station number: V- 2T
Description: AREA - REPAIR & PATCH POSITION ON T/T LINE
Personal Protective Equip. Worn: DOES NOT APPLY
Sample Type : STATION-CEILING
Hazard : METHYLENE BISPHENYLISOCYANATE

Samp.#	Date	Time	TLV		Survey Results
1	10/20/82	0728-1455	0.02	<	0.01 ppm
			CEILING	<	0.01 ppm

Station number: V- 1PS
Description: PERSONAL - ABS CORE COATER OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : TETRAHYDROFURAN

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	1018-1204	200.0	0.0 ppm
2	10/18/82	1018-1445	200.0	0.0 ppm
			T.W.A.	0.0 ppm

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : BUTANONE

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	1018-1204	200.0	0.0 ppm
2	10/18/82	1204-1445	200.0	0.0 ppm
			T.W.A.	0.0 ppm

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : METHYLENE CHLORIDE

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	1018-1204	500.0	0.0 ppm
2	10/18/82	1204-1445	500.0	2.2 ppm
			T.W.A.	0.9 ppm

Station number V- 1PS contin.
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : ACRYLONITRILE

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	1021-1205	2.0	0.0 ppm
2	10/18/82	1205-1445	2.0	0.0 ppm
			T.W.A.	0.0 ppm

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : STYRENE

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	1021-1205	100.0	0.0 ppm
2	10/18/82	1205-1445	100.0	0.0 ppm
			T.W.A.	0.0 ppm

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : BUTADIENE(1,3-BUTADIENE)

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	1021-1205	1000.0	0.0 ppm
2	10/18/82	1205-1445	1000.0	0.0 ppm
			T.W.A.	0.0 ppm

Station number: V- 2PS
Description: PERSONAL - FILAMENT WINDER OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : TETRAHYDROFURAN

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	1047-1209	200.0	0.0 ppm
2	10/18/82	1209-1450	200.0	0.0 ppm
			T.W.A.	0.0 ppm

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : BUTANONE

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	1047-1209	200.0	0.0 ppm
2	10/18/82	1209-1450	200.0	0.0 ppm
			T.W.A.	0.0 ppm

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : METHYLENE CHLORIDE

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	1047-1209	500.0	873.6 ppm
2	10/18/82	1209-1450	500.0	0.0 ppm
			T.W.A.	238.6 ppm

Station number V- 2PS continued
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : ACRYLONITRILE

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	1047-1209	2.0	0.9 ppm
2	10/18/82	1209-1450	2.0	0.0 ppm
			T.W.A.	0.3 ppm

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : STYRENE

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	1047-1209	100.0	0.0 ppm
2	10/18/82	1209-1450	100.0	0.0 ppm
			T.W.A.	0.0 ppm

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : BUTADIENE(1,3-BUTADIENE)

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	1047-1209	1000.0	0.0 ppm
2	10/18/82	1209-1450	1000.0	0.0 ppm
			T.W.A.	0.0 ppm

Station number V- 2PS continued
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : TRIETHYLENE TETRAMINE-TETA

Samp.#	Date	Time	TLV		Survey Results
1	10/18/82	1019-1029	10.0	<	0.1 ppm
2	10/18/82	1029-1039	10.0	<	0.1 ppm
			T.W.A.	<	0.1 ppm

##########

Station number: V- 3PS
Description: PERSONAL - HYDROFORMER OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : TETRAHYDROFURAN

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	1035-1212	200.0	0.0 ppm
2	10/18/82	1212-1449	200.0	0.0 ppm
			T.W.A.	0.0 ppm

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : BUTANONE

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	1047-1211	200.0	0.0 ppm
2	10/18/82	1211-1449	200.0	0.0 ppm
			T.W.A.	0.0 ppm

Station number V- 3P5 continued
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : METHYLENE CHLORIDE

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	1025-1212	500.0	0.0 ppm
2	10/18/82	1212-1449	500.0	0.0 ppm
			T.W.A.	0.0 ppm

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : ACRYLONITRILE

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	1025-1212	2.0	0.0 ppm
2	10/18/82	1212-1449	2.0	0.0 ppm
			T.W.A.	0.0 ppm

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : STYRENE

Samp.#	Date	Time	TLV	Survey Results
1	10/18/82	1025-1212	100.0	0.0 ppm
2	10/18/82	1212-1449	100.0	0.0 ppm
			T.W.A.	0.0 ppm

tation number V- 3PS continued
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : BUTADIENE(1,3-BUTADIENE)

amp.#	Date	Time	TLV	Survey Results
1	10/18/82	1025-1212	1000.0	0.0 ppm
2	10/18/82	1212-1449	1000.0	0.0 ppm
			T.W.A.	0.0 ppm

##########

tation number: V- 4PS
escription: PERSONAL - FORK TRUCK DRIVER
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : CARBON MONOXIDE

amp.#	Date	Time	TLV	Survey Results
1	10/18/82	1202-1450	50.0	4.3 ppm
			T.W.A.	4.3 ppm

##########

tation number: V- 5PS
escription: AREA - WEST OF FOREMAN'S OFFICE IN PERMASTRAN
Personal Protective Equip. Worn: DOES NOT APPLY
Sample Type : STATION-
SIMPLE AVERAGE
Hazard : CARBON MONOXIDE

amp.#	Date	Time	TLV	Survey Results
1	10/18/82	1207-1450	50.0	5.1 ppm
			SIMPLE AVG.	5.1 ppm

Station number: V- 1SW
Description: PERSONAL - SPIRAL WOUND OPERATOR
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : TETRAHYDROFURAN

Samp.#	Date	Time	TLV	Survey Results
1	10/22/82	0803-1000	200.0	0.0 ppm
2	10/22/82	1000-1126	200.0	17.8 ppm
			T.W.A.	7.3 ppm

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : BUTANONE

Samp.#	Date	Time	TLV	Survey Results
1	10/22/82	0803-1000	200.0	0.0 ppm
2	10/22/82	1000-1126	200.0	0.0 ppm
			T.W.A.	0.0 ppm

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : METHYLENE CHLORIDE

amp.#	Date	Time	TLV	Survey Results
1	10/22/82	0803-1000	500.0	1.4 ppm
2	10/22/82	1000-1126	500.0	1.0 ppm
			T.W.A.	1.3 ppm

Station number V- 1SW continued
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : ACRYLONITRILE

Samp.#	Date	Time	TLV	Survey Results
1	10/22/82	0803-1000	2.0	0.0 ppm
2	10/22/82	1000-1126	2.0	0.0 ppm
			T.W.A.	0.0 ppm

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : STYRENE

Samp.#	Date	Time	TLV	Survey Results
1	10/22/82	0803-1000	100.0	0.0 ppm
2	10/22/82	1000-1126	100.0	0.0 ppm
			T.W.A.	0.0 ppm

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : BUTADIENE(1,3-BUTADIENE)

Samp.#	Date	Time	TLV	Survey Results
1	10/22/82	0803-1000	1000.0	0.0 ppm
2	10/22/82	1000-1126	1000.0	0.0 ppm
			T.W.A.	0.0 ppm

Station number: V- 2SW
Description: AREA - GLUE APPLICATOR - WEST SIDE
Personal Protective Equip. Worn: DOES NOT APPLY
Sample Type : STATION-
SIMPLE AVERAGE
Hazard : TETRAHYDROFURAN

Samp.#	Date	Time	TLV	Survey Results
1	10/22/82	0805-0959	200.0	0.0 ppm
2	10/22/82	0959-1027	200.0	0.0 ppm
			SIMPLE AVG.	0.0 ppm

Personal Protective Equip. Worn: DOES NOT APPLY
Sample Type : STATION-
SIMPLE AVERAGE
Hazard : BUTANONE

Samp.#	Date	Time	TLV	Survey Results
1	10/22/82	0805-0959	200.0	0.0 ppm
2	10/22/82	0959-1027	200.0	0.0 ppm
			SIMPLE AVG.	0.0 ppm

Personal Protective Equip. Worn: DOES NOT APPLY
Sample Type : STATION-
SIMPLE AVERAGE
Hazard : METHYLENE CHLORIDE

Samp.#	Date	Time	TLV	Survey Results
1	10/22/82	0805-0959	500.0	0.7 ppm
2	10/22/82	0959-1027	500.0	1.1 ppm
			SIMPLE AVG.	0.9 ppm

tation number V- 2SW continued
Personal Protective Equip. Worn: DOES NOT APPLY
Sample Type : STATION-
SIMPLE AVERAGE
Hazard : ACRYLONITRILE

amp.#	Date	Time	TLV	Survey Results
1	10/22/82	0805-0959	2.0	0.0 ppm
2	10/22/82	0959-1027	2.0	0.0 ppm
			SIMPLE AVG.	0.0 ppm

Personal Protective Equip. Worn: DOES NOT APPLY
Sample Type : STATION-
SIMPLE AVERAGE
Hazard : STYRENE

amp.#	Date	Time	TLV	Survey Results
1	10/22/82	0805-0959	100.0	0.0 ppm
2	10/22/82	0959-1027	100.0	0.0 ppm
			SIMPLE AVG.	0.0 ppm

Personal Protective Equip. Worn: DOES NOT APPLY
Sample Type : STATION-
SIMPLE AVERAGE
Hazard : BUTADIENE(1,3-BUTADIENE)

amp.#	Date	Time	TLV	Survey Results
1	10/22/82	0805-0959	1000.0	0.0 ppm
2	10/22/82	0959-1027	1000.0	0.0 ppm
			SIMPLE AVG.	0.0 ppm

Station number: V- 4SW
Description: AREA - ACCUMULATION RACK - EAST SIDE
Reason station not operating or sampled: NOT OPERATING

##########

Station number: V- 5SW
Description: PERSONAL- FINISHER

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : TETRAHYDROFURAN

Samp.#	Date	Time	TLV	Survey Results
1	10/22/82	0757-0957	200.0	0.0 ppm
2	10/22/82	0957-1027	200.0	0.0 ppm
			T.W.A.	0.0 ppm

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : BUTANONE

Samp.#	Date	Time	TLV	Survey Results
1	10/22/82	0757-0957	200.0	0.0 ppm
2	10/22/82	0951-1027	200.0	0.0 ppm
			T.W.A.	0.0 ppm

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL- T.W.A.
Hazard : METHYLENE CHLORIDE

Samp.#	Date	Time	TLV	Survey Results
1	10/22/82	0757-0951	500.0	1.0 ppm
2	10/22/82	0951-1027	500.0	0.7 ppm
			T.W.A.	0.9 ppm

Station number V- 5SW continued
Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : ACRYLONITRILE

Samp.#	Date	Time	TLV	Survey Results
1	10/22/82	0757-0951	2.0	0.0 ppm
2	10/22/82	0951-1027	2.0	0.0 ppm
			T.W.A.	0.0 ppm

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : STYRENE

Samp.#	Date	Time	TLV	Survey Results
1	10/22/82	0757-0957	100.0	0.0 ppm
			T.W.A.	0.0 ppm

Personal Protective Equip. Worn: NO
Sample Type : PERSONAL-
T.W.A.
Hazard : BUTADIENE(1,3-BUTADIENE)

Samp.#	Date	Time	TLV	Survey Results
1	10/22/82	0757-0957	1000.0	0.0 ppm
			T.W.A.	0.0 ppm

##

Station Number: R- 1S
Description: AREA - MICROWAVE OVEN - PERMASTRAN LUNCH ROOM

Sample type: NON-IONIZING
Hazard: MICROWAVE

Date		TLV	Survey Results
10/18/82	10.0	mW/cm2	.0 mW/cm2
10/18/82	10.0	mW/cm2	.0 mW/cm2
10/18/82	10.0	mW/cm2	.0 mW/cm2
10/18/82	10.0	mW/cm2	.0 mW/cm2
10/18/82	10.0	mW/cm2	.0 mW/cm2
10/18/82	10.0	mW/cm2	.0 mW/cm2

##

Station Number: R- 2S
Description: AREA - MICROWAVE OVENS IN VENDING AREA FINISHING

Sample type: NON-IONIZING
Hazard: MICROWAVE

Date		TLV	Survey Results
10/18/82	10.0	mW/cm2	.2 mW/cm2
10/18/82	10.0	mW/cm2	.2 mW/cm2
10/18/82	10.0	mW/cm2	.2 mW/cm2
10/18/82	10.0	mW/cm2	.2 mW/cm2
10/18/82	10.0	mW/cm2	.2 mW/cm2
10/18/82	10.0	mW/cm2	.2 mW/cm2

##

Station Number: R- 3S
Description: AREA - X-RAY UNIT IN MEDICAL DEPARTMENT

Sample type: IONIZING
Hazard: X-RAY

Date	Audited	TLV	Survey Results
10/18/82	YES	5.000 R	0.0 R

Station Number: R- 45
Description: AREA - MICROWAVE OVEN - CAFETERIA - LITTON

Sample type: NON-IONIZING
Hazard: MICROWAVE

Date	TLV	Survey Results
10/18/82	10.0 mW/cm2	.0 mW/cm2
10/18/82	10.0 mW/cm2	.0 mW/cm2
10/18/82	10.0 mW/cm2	.6 mW/cm2
10/18/82	10.0 mW/cm2	.0 mW/cm2
10/18/82	10.0 mW/cm2	.0 mW/cm2
10/18/82	10.0 mW/cm2	.0 mW/cm2