

TO:

~~RWS~~ ~~DCS~~ ~~DAB~~ ~~JEB~~ ~~JME~~
~~SCH~~ ~~DAM~~ ~~JEN~~ ~~JDO~~ ~~CMM~~

FROM:

C.M. MARKERSON

DATE:

JANUARY 8, 1993

SUBJECT: CENTRAL SAFETY COMMITTEE MEETING - 1/13/93

AGENDA

TIME:

10:30 AM

DATE:

WEDNESDAY, JANUARY 13, 1993

PLACE:

MAIN CONFERENCE ROOM

PURPOSE:

CENTRAL SAFETY COMMITTEE MEETING

NEXT MEETING DATE/TIME:

AT 10:30 AM

CONTENT:

TIME

SAFETY STATISTICS

10:30 - 10:40

VCM AND LEAD OVEREXPOSURES

10:40 - 10:45

ELECTRICAL HAZARDS SURVEY

10:45 - 10:50

EMERGENCY DRILL RECOMMENDATIONS

10:50 - 11:00

SAFETY WORK ORDERS

11:00 - 11:05

ESAR STATUS/ACCIDENT INVESTIGATIONS

11:05 - 11:20

SAFETY REVIEW LOG

11:20 - 11:25

SAFETY REVIEW REPORT

11:25 - 11:30

OVERVIEW OF FRC

Fire Retardant Clothing

11:30 - 11:55

ACTION STEPS

11:55 - 12:00

ITEMS TO BRING:

CALENDAR

NEW SAFETY REVIEWS

Asbestos

dyes 1, 6, 7, 8

*4 dyes
asbestos
removed*

VISTA CHEMICAL COMPANY
ABERDEEN CHEMICAL PLANT

Central Safety Committee Meeting

Month of December, 1992

	Current Month		Current Y.T.D.		Previous Y.T.D.	
	No.	Freq.	No.	Freq.	No.	Freq.
ON-THE-JOB INJURIES						
First Aid Cases	0	0	1	1.9	3	4.9
Medical Cases	1	5.5	1	1.9	0	0
Restricted Workday Cases	0	0	2	3.8	2	3.3
Lost Workday Cases	0	0	1	1.9	0	0
Total Cases	1	5.5	5	9.6	5	8.2

Employee Hours	36,569	104,112	121,503
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No. of Days Since Last LWC	85
No. of Days Since Last Recordable	27

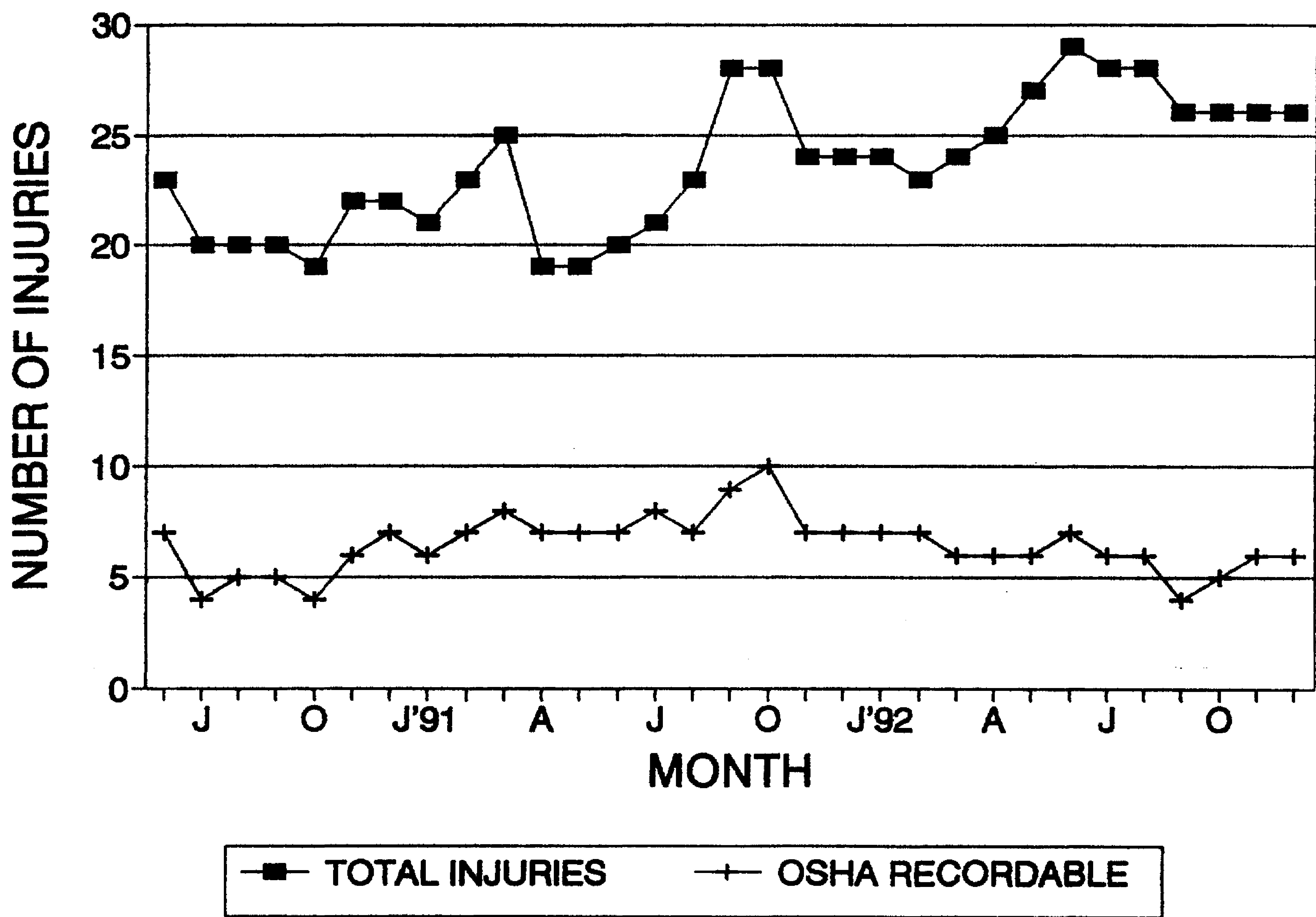
OFF-THE-JOB INJURIES

Total Cases	0	2	4
Lost Days	7	27	30

CONTRACTOR INJURIES

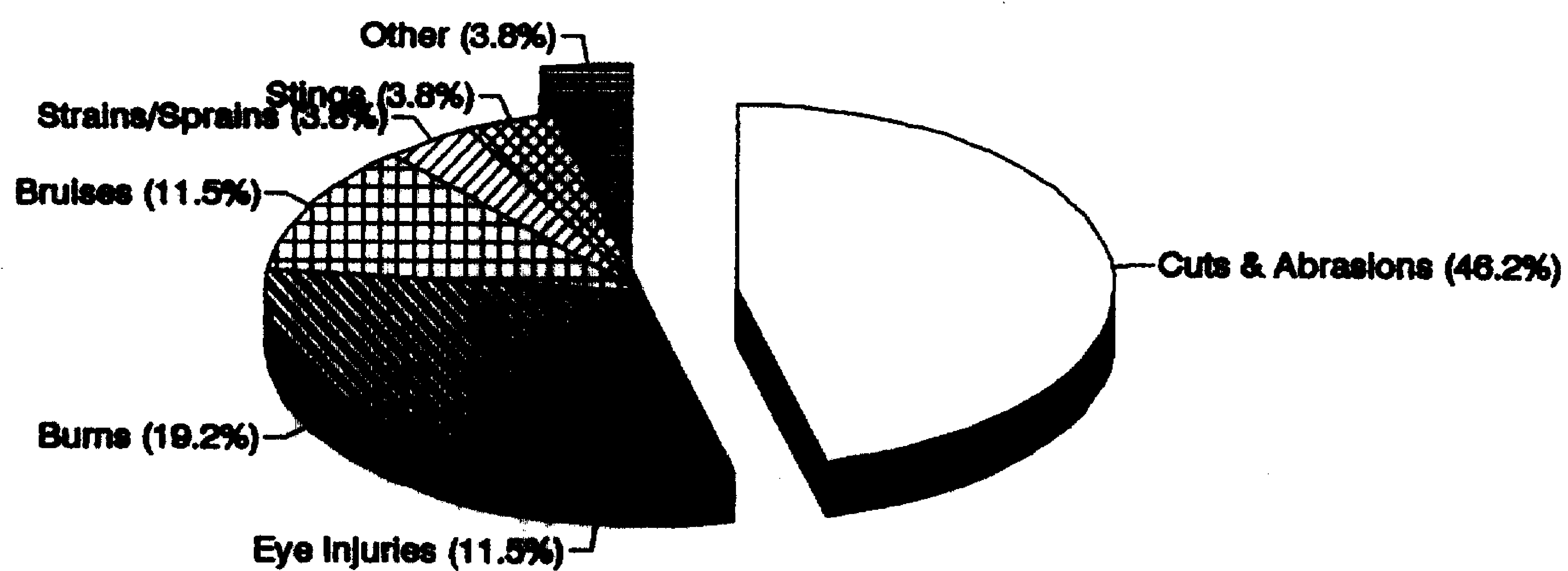
First Aid Cases	0	0	3
Med.Treatment Cases	0	1	0
Lost Workday Cases	0	0	0

ABERDEEN CHEMICAL PLANT INJURIES (Twelve Month Running Totals)

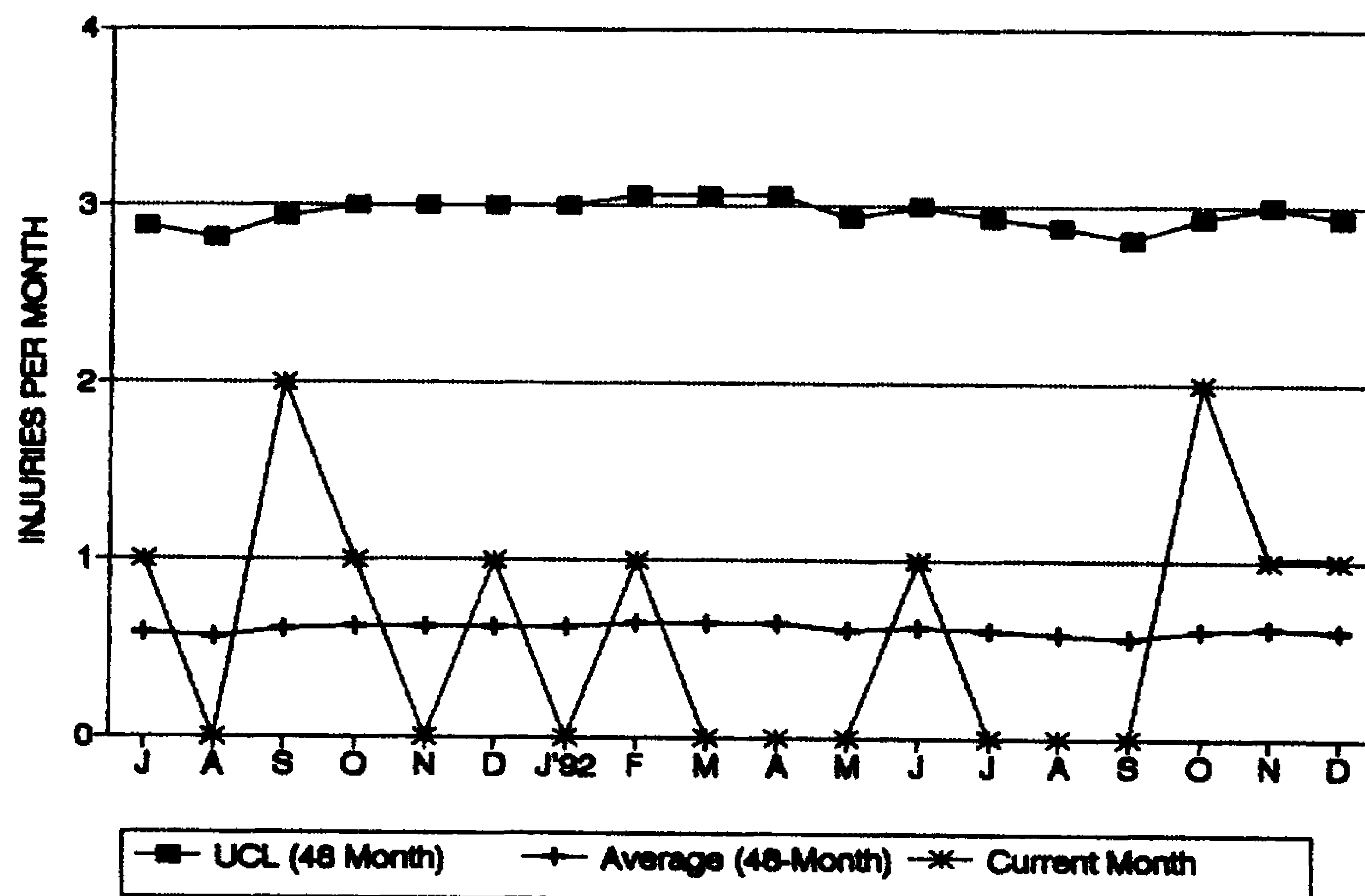


avg
~ 6

ABERDEEN CHEMICAL PLANT TOTAL INJURIES 12-MONTH RUNNING TOTALS



ABERDEEN PLANT OSHA RECORDABLE INJURIES



OSHA RECORDABLE INJURIES

	FISCAL YEAR						
	1987	1988	1989	1990	1991	1992	1993
Oct	0	0	0	1	0	1	2
Nov	1	0	0	1	3	0	1
Dec	0	1	2	0	1	1	1
Jan	1	0	0	1	0	0	
Feb	0	0	0	0	1	1	
Mar	3	0	0	0	1	0	
Apr	1	0	1	1	0	0	
May	0	2	3	0	0	0	
Jun	0	0	0	0	0	1	
Jul	1	1	3	0	1	0	
Aug	1	1	0	1	0	0	
Sep	0	1	0	0	2	0	
Totals	8	6	9	5	9	4	4

ABERDEEN PLANT
RECORDABLE INJURY SUMMARY

FY1992

<u>DATE</u>	<u>NAME</u>	<u>DEPARTMENT</u>	<u>CLASS.</u>	<u>INJURY TYPE</u>
10/23/91	L. REA	MAINTENENCE	RWC	SPRAIN - ANKLE
12/17/91	L. THREADGILL	MAINTENANCE	RWC	T BURNS - HANDS
2/12/92	T. STATEN	MAINTENANCE	MTD	LACERATION - HEAD
6/10/92	C. DAVIS	COMPOUND	MTD	CONTUSION - WRIST

FY 1993

<u>DATE</u>	<u>NAME</u>	<u>DEPARTMENT</u>	<u>CLASS.</u>	<u>INJURY TYPE</u>
10/07/92	B. MCALLISTER	MAINTENANCE	LWC	CONTUSION - LUNG
10/29/92	A. PETTUS	COMPOUND	RWC	T BURNS - LEGS ✓
11/25/92	C. REED	COMPOUND	RWC	CONTUSION - LEG ✓
12/03/92	J. EASTMAN	YARD	MTD	T BURN - HAND

MONTHLY INJURY STATISTICS - FISCAL YEAR 1993

WORK INJURIES	OCT	NOV	DEC
NO. EMPLOYEES	228	226	226
NO. SALARIED	81	82	82
CLER. & CASUAL OT	297	294	340
HRLY STR. TIME	21457	25352	19475
HRLY CONTROL. OT	2742	2909	2543
TOTAL EMPLOYEE HOURS	38533	42766	36569

---INJURIES---

FIRST AID CASES	0	1	0
MEDICAL CASES	0	0	1
RESTRICTED WORKDAY CASES	1	1	0
LOST TIME CASES	1	0	0
TOTALS	2	2	1

---ILLNESSES---

MEDICAL CASES	0	0	0
RESTRICTED WORKDAY CASES	0	0	0
LOST TIME CASES	0	0	0
TOTALS	0	0	0

---INJURIES BY DEPT.---

VINYL OPERATIONS	0	0	1
COMPOUND OPERATIONS	1	1	0
MAINTENANCE	1	0	0
LABORATORY	0	0	0
RECEIVING/WAREHOUSE	0	1	0
OFFICE	0	0	0
TOTALS	2	2	1

---INJURIES BY TYPE---

CUTS & ABRASIONS	0	0	0
EYE INJURIES	0	1	0
BURNS	1	0	1
BRUISES	1	1	0
STRAINS/SPRAINS	0	0	0
STINGS	0	0	0
OTHER	0	0	0
TOTALS	2	2	1

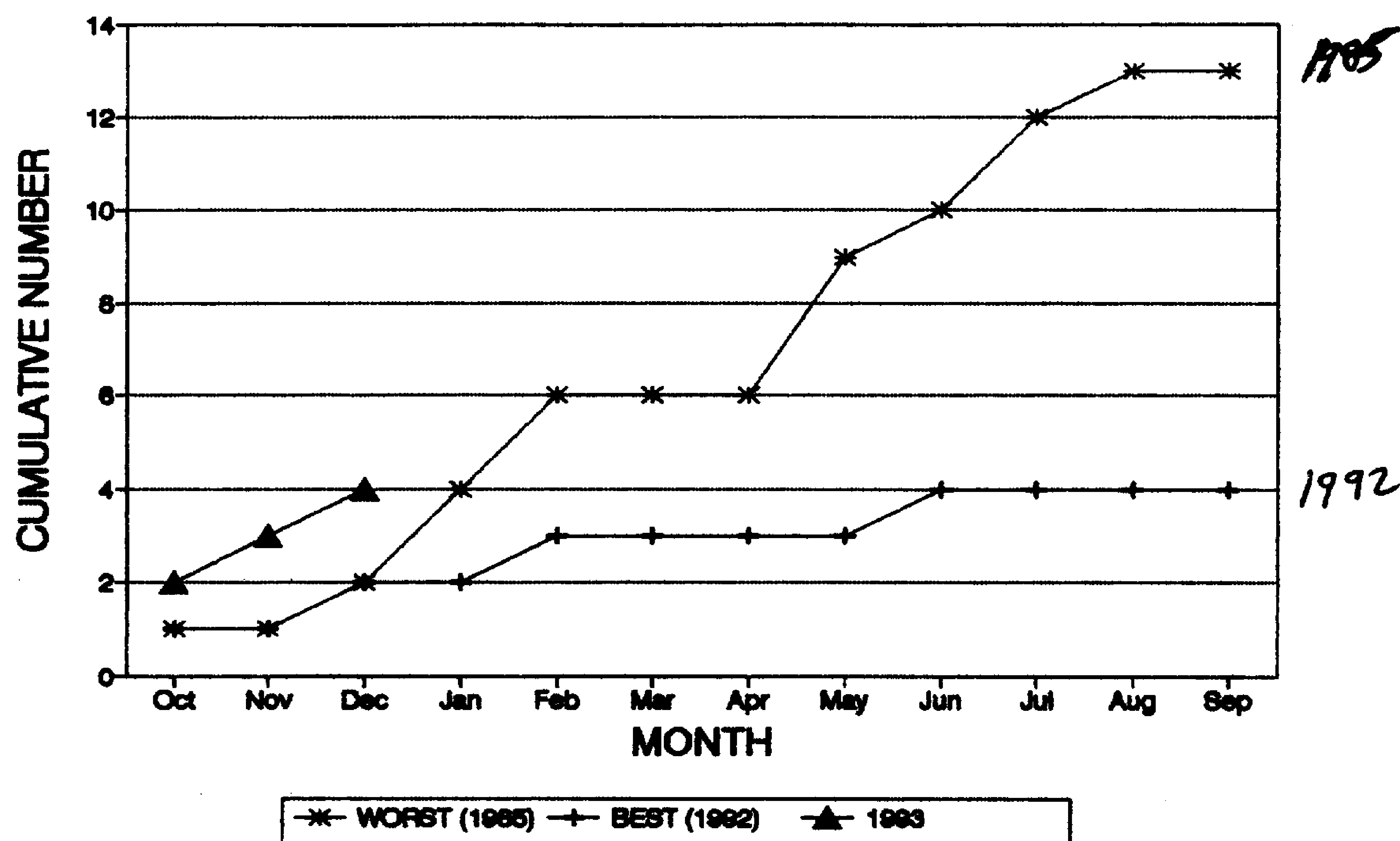
DATE OF LAST LWC	10/07/92	10/07/92	10/07/92
DATE OF LAST RECORDABLE	10/29/92	11/25/92	12/04/92
DATE OF LAST 1ST AID	09/08/92	11/10/92	11/10/92

OFF-THE-JOB INJURIES	OCT	NOV	DEC
LOST WORKDAY CASES	2	0	0
DAYS LOST	6	14	7

---LOCATIONS---

HOME	2	0	0
TRANSPORTATION	0	0	0
RECREATION	0	0	0
PUBLIC	0	0	0

ABERDEEN CHEMICAL PLANT CUMULATIVE RECORDABLE INJURIES



ABERDEEN OSHA RECORDABLE INJURIES

FISCAL YEAR									
MONTH	1985	1986	1987	1988	1989	1990	1991	1992	1993
Oct	1	3	0	0	0	1	0	1	2
Nov	0	2	1	0	0	1	3	0	1
Dec	1	0	0	1	2	0	1	1	1
Jan	2	0	1	0	0	1	0	0	
Feb	2	0	0	0	0	0	1	1	
Mar	0	1	3	0	0	0	1	0	
Apr	0	0	1	0	1	1	0	0	
May	3	0	0	2	3	0	0	0	
Jun	1	0	0	0	0	0	0	1	
Jul	2	1	1	1	3	0	1	0	
Aug	1	2	1	1	0	1	0	0	
Sep	0	0	0	1	0	0	2	0	
TOTALS	13	9	8	6	9	5	9	4	4

CUMULATIVE INJURY STATISTICS - FISCAL YEAR 1993

WORK INJURIES	OCT	NOV	DEC
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CLOSING DATE	10/31/92	11/30/92	12/31/92
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YTD EMPLOYEE HOURS	38533	81299	117868
EMPLOYEE HOURS SINCE LAST LT	24777	67543	104112
DAYS SINCE LAST LT	24	54	85
DAYS SINCE LAST RECORDABLE	2	5	27

---INJURIES---

FIRST AID CASES	0	1	1
MEDICAL CASES	0	0	1
RESTRICTED WORKDAY CASES	1	2	2
LOST TIME CASES	1	1	1
OSHA RECORDABLE CASES	2	3	4
TOTAL INJURIES	2	4	5

---ILLNESSES---

MEDICAL CASES	0	0	0
RESTRICTED WORKDAY CASES	0	0	0
LOST TIME CASES	0	0	0
OSHA RECORDABLE CASES	0	0	0
TOTAL ILLNESSES	0	0	0

---INJURIES BY DEPT.---

VINYL OPERATIONS	0	0	1
COMPOUND OPERATIONS	1	2	2
MAINTENANCE	1	1	1
LABORATORY	0	0	0
RECEIVING/WAREHOUSE	0	1	1
OFFICE	0	0	0
TOTAL INJURIES	2	4	5

---INJURIES BY TYPE---

CUTS & ABRASIONS	0	0	0
EYE INJURIES	0	1	1
BURNS	1	1	2
BRUISES	1	2	2
STRAINS/SPRAINS	0	0	0
STINGS	0	0	0
OTHER	0	0	0
TOTAL INJURIES	2	4	5

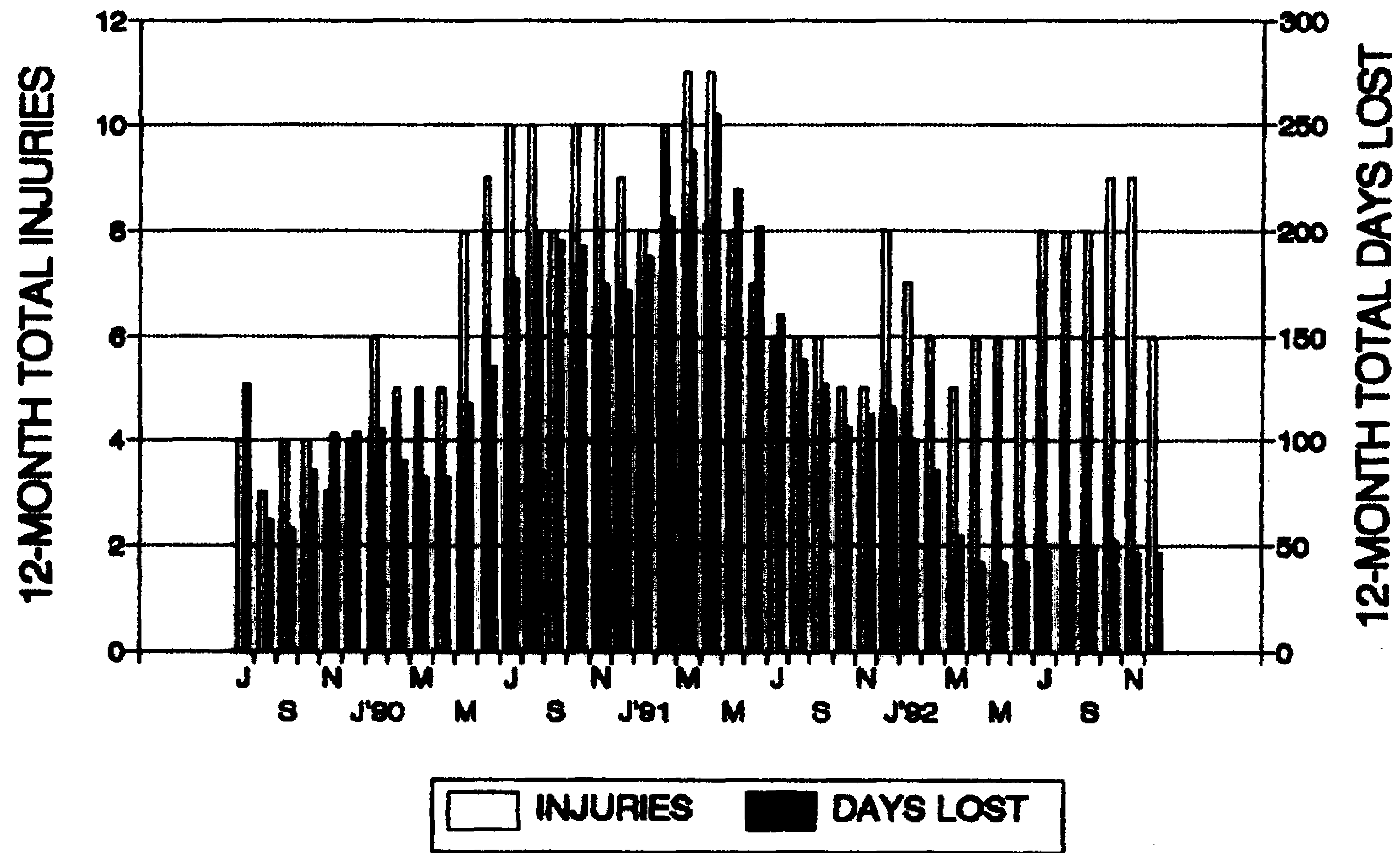
OFF-THE-JOB INJURIES	OCT	NOV	DEC
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LOST WORKDAY CASES	2	2	2
DAYS LOST	6	20	27

---LOCATIONS---

HOME	2	2	2
TRANSPORTATION	0	0	0
RECREATION	0	0	0
PUBLIC	0	0	0

ABERDEEN CHEMICAL PLANT OFF-THE-JOB INJURIES



ABERDEEN MONTHLY SAFETY STATISTICS
REPORT - FISCAL 1993

	OCT	NOV	DEC
--- ON-THE-JOB INJURIES ---			
FIRST AID INJURIES (FA)	0	1	0
MEDICAL TREATMENT ONLY (MTD)	0	0	1
RESTRICTED WORKDAY CASE (RWC)	1	1	0
LOST TIME ACCIDENT (LTA)	1	0	0
MANHOURS WORKED (MONTH)	38533	42766	36569
MANHOURS WORKED (FYTD)	38533	81299	117868
NO. EMPLOYEES	228	226	226

--- OFF-THE-JOB INJURIES ---

LOST WORKDAY CASES	2	0	0
DAYS LOST	6	14	7

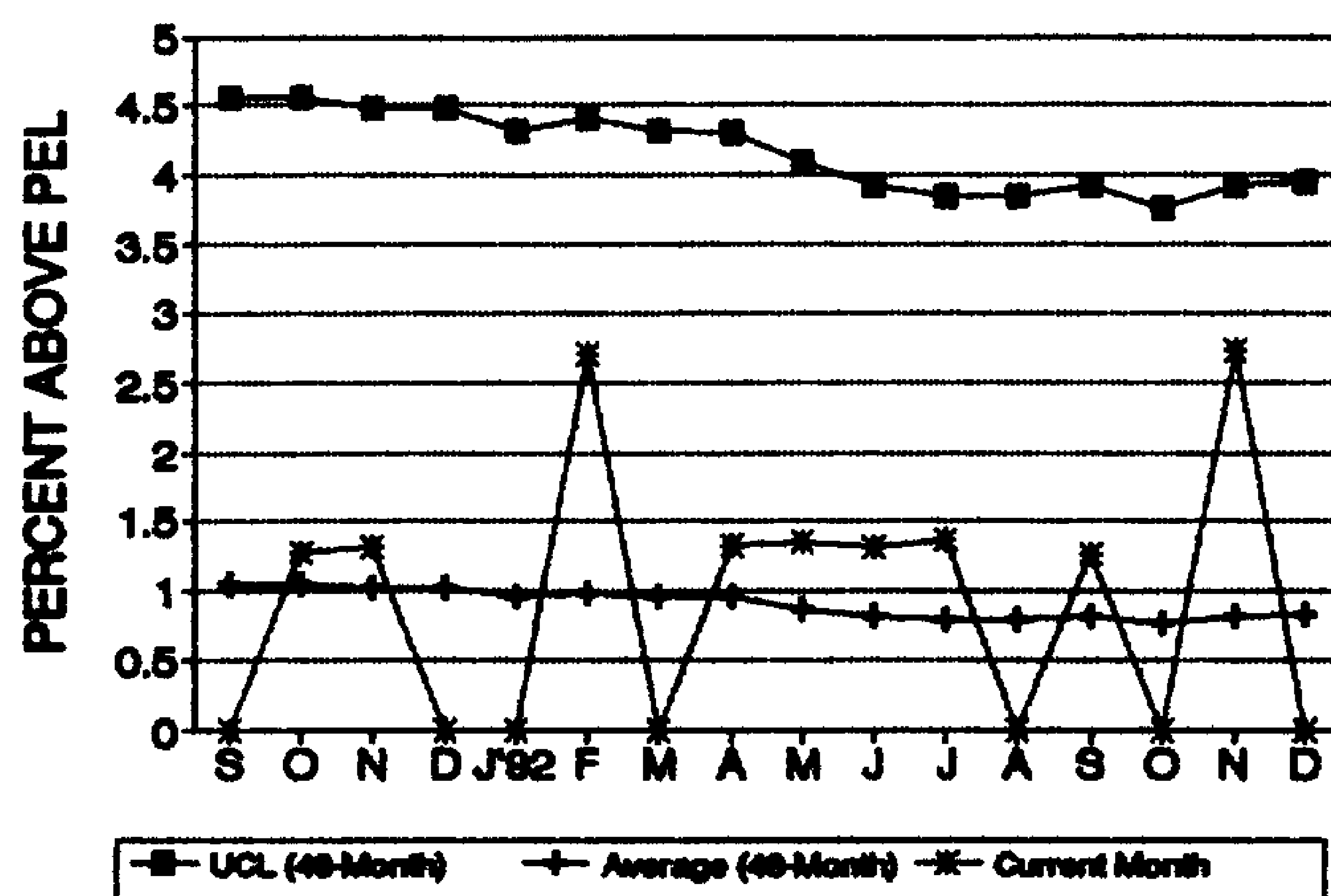
LOCATIONS

HOME	2	0	0
TRANSPORTATION	0	0	0
RECREATION	0	0	0
PUBLIC	0	0	0

FAX TO: LYNNE WOODLEY - HOUSTON

FAX: (713) 588 - 3456

ABERDEEN VCM OVEREXPOSURES ALL DEPARTMENTS



ABERDEEN VCM OVEREXPOSURES

Month	-----Monthly Number-----								--Fiscal Year Cumulative Number--							
	Vinyl		Maint.		Other		Plant		Vinyl		Maint.		Other		Plant	
	R	NR	R	NR	R	NR	R	NR	R	NR	R	NR	R	NR	R	NR
Sep	0	0	0	0	0	0	0	0	3	0	1	1	0	0	4	1
Oct	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1
Nov	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1
Dec	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1
Jan'92	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1
Feb	0	0	2	0	0	0	2	0	1	1	2	0	0	0	3	1
Mar	0	0	0	0	0	0	0	0	1	1	2	0	0	0	3	1
Apr	0	0	0	1	0	0	0	1	1	1	2	1	0	0	3	2
May	1	0	0	0	0	0	1	0	2	1	2	1	0	0	4	2
Jun	0	0	1	0	0	0	1	0	2	1	3	1	0	0	5	2
Jul	0	0	1	0	0	0	1	0	2	1	4	1	0	0	6	2
Aug	0	0	0	0	0	0	0	0	2	1	4	1	0	0	6	2
Sep	0	1	0	0	0	0	0	1	2	2	4	1	0	0	6	3
Oct	0	0	0	0	0	0	0	0	2	2	4	1	0	0	6	3
Nov	0	0	1	1	0	0	1	1	2	2	5	2	0	0	7	4
Nov	0	0	0	0	0	0	0	0	2	2	5	2	0	0	7	4

R = With Respirator NR = Without Respirator

ABERDEEN PLANT

VINYL CHLORIDE MONOMER OVEREXPOSURE SUMMARY

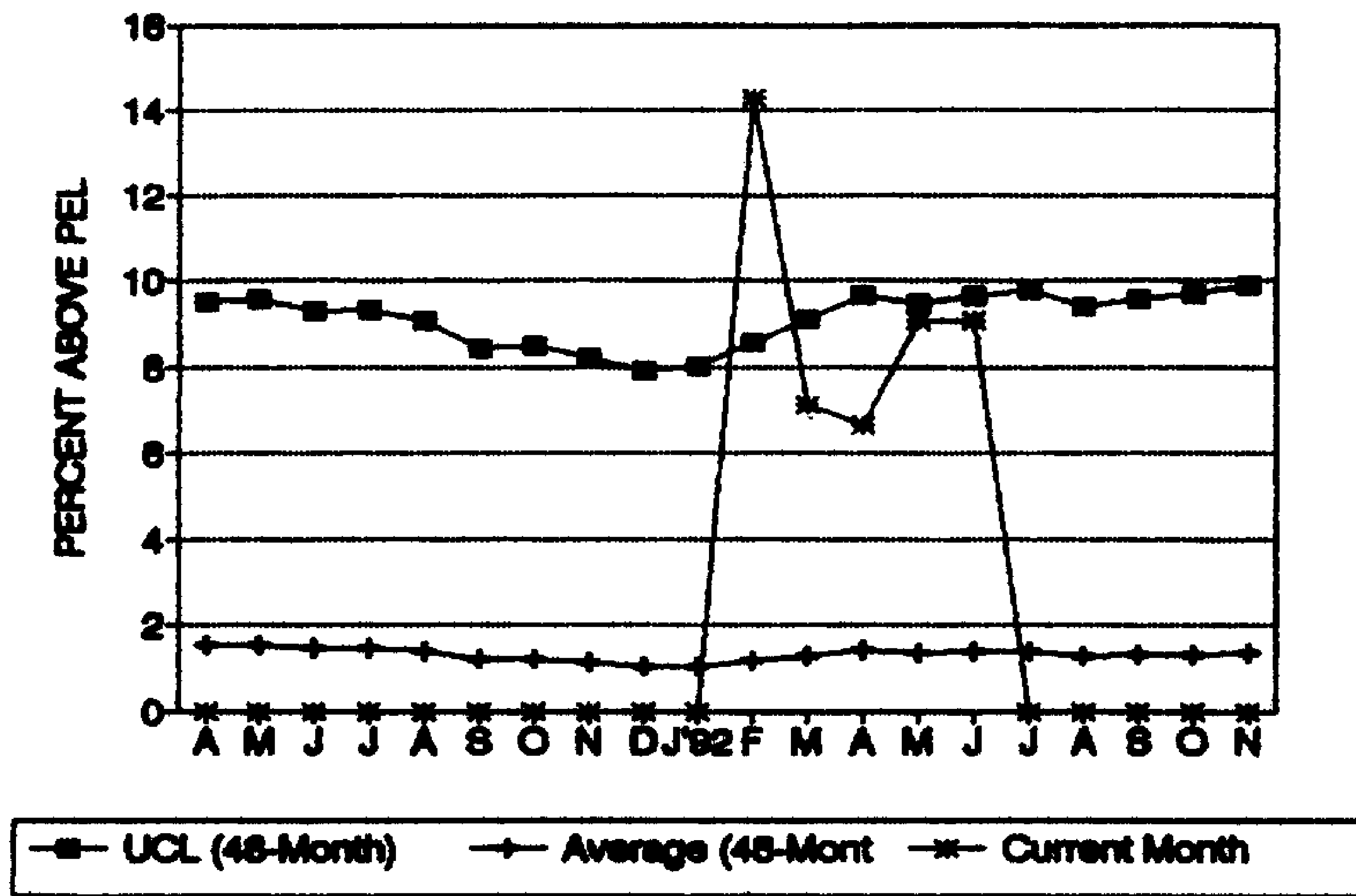
FY 1992

<u>DATE</u>	<u>JOB</u>	<u>SHIFT</u>	<u>SAMPLE</u>	<u>RESP.</u>	<u>TASK</u>
2/17	MECHANIC	DAY	3.02	NO	CHANGING SPRAYHEAD - 745 RX
2/17	MECHANIC	DAY	5.98	NO	CHANGING SPRAYHEAD - 745 RX
4/1	MECHANIC	DAY	6.9	NO	BLANKED D-500 CONDENSER
5/9	OU "A" OP	NIGHT	3.4	YES	CHANGING VCM FILTERS
6/16	MECHANIC	DAY	1.06	YES	REMOVED BLANK FROM RECOV. LINE
7/10	MECHANIC	DAY	1.8	YES	CHANGING OUT 903 COMPRESSOR
9/14	CHF. OP.	DAY	1.9	NO	UNKNOWN

FY 1993

11/15	MECHANIC	DAY	25.8	YES	RMV/RPLC RAM VALVE ON D400
11/19	MECHANIC	DAY	1.5	NO	CHG. RX SEAL ON 742

ABERDEEN LEAD OVEREXPOSURES



ABERDEEN PLANT LEAD DOSIMETRY

1993 (FISCAL)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	YTD
COLOR WEIGH COMPOUNDER													
No. Samples	4	1											5
No. Overexposures	0	0											0
% Overexposures	0	0											0
LINE COMPOUNDER													
No. Samples	3	2											5
No. Overexposures	0	0											0
% Overexposures	0	0											0
COMPOUND OPERATOR													
No. Samples	3	3											6
No. Overexposures	0	0											0
% Overexposures	0	0											0
COMPOUND UTILITY													
No. Samples	1	1											2
No. Overexposures	0	0											0
% Overexposures	0	0											0
OTHER													
No. Samples	1	1											2
No. Overexposures	0	0											0
% Overexposures	0	0											0
TOTAL													
No. Samples	12	8											20
No. Overexposures	0	0											0
% Overexposures	0	0											0

ABERDEEN PLANT

LEAD OVEREXPOSURE SUMMARY

FY 1992

DATE	JOB	SHIFT	SAMPLE	PEL	RESP.	POSSIBLE CAUSE
2/17	LN.3 CMPDR.	DAY	81.5	33.3	YES	CLEANING BLENDER
2/19	COLOR-WEIGH	DAY	90.1	33.3	YES	WEIGHING LEAD MAT.
3/4	COLOR-WEIGH	DAY	58.8	38.1	YES	WEIGHING LEAD MAT.
4/1	COLOR-WEIGH	NIGHT	56.8	50.0	YES	WEIGHUNG LEAD MAT.
5/8	COLOR-WEIGH	DAY	52.6	44.4	YES	WEIGHING LEAD MAT.
5/26	LN.1 CMPDR.	DAY	3983.5**	33.3	NO	NONE KNOWN
6/15	COLOR-WEIGH	DAY	72.1	36.4	YES	WEIGHING LEAD MAT.

** DOSIMETER WAS PUT ON A TABLE NEAR LINE #1 AND LEFT OVERNIGHT. IT MAY HAVE BEEN
TAMPERED WITH. CONSIDERED AN INVALID SAMPLE.

FY93

A

DRILL RECOMMENDATIONS (FY 92)

Table Top Drill

1. Determine who directs the ambulance at night.
2. Determine how many Scott AirPaks in areas.
3. Provide specific emergency duty training.
4. Work on Gaitronics at sphere.
5. Establish tornado evacuation sites.
6. Provide tornado training.

Respons.

CMM
CMM
CMM
Comp.
CMM
CMM

Emergency plan

VCM Tankfarm Drill

1. Assign personnel to report to pump houses (day and night).
2. Assign personnel for traffic control during emergencies.
3. Evaluate use of flashing lights when p.a. system can't be heard.

CMM
JEN
CMM

Laboratory Drill

1. Determine who is supposed to meet the ambulance?
2. Identify drill observers.

Complete

CMM
CMM

Bomb Threat Drill

1. Create and train a crisis management team.
2. Train personnel on treatment of threatening phone calls.
3. Establish a crisis command center for team above.

JEB
CMM
DCS

Plasticizer Tankfarm Drill

1. Provide annual hose handling practice.
2. Notify police prior to drills.

CMM
Comp.

New Unit Recovery Drill

1. Review procedure for dealing with fatalities.
2. Call the fire dept. as soon as fire is detected/reported
3. Review air pak placement with CLW
4. Audit hoses in hose houses to assure adequate supply
5. Lab should be called for assistance at ext. 3624

CMM&JEB
CMM
Comp.
Comp.
Comp.

TO: C.M. MARKERSON
FROM: J.B. AUTREY
DATE: 1/12/93
SUBJECT: SAFETY RELATED WORK ORDERS

The status of the safety related work orders for FY92 is as follows:

Waiting on Approval	-	9
Complete	-	72
In-Progress	-	2

		83

The safety related work orders for December, 1992, is as follows:

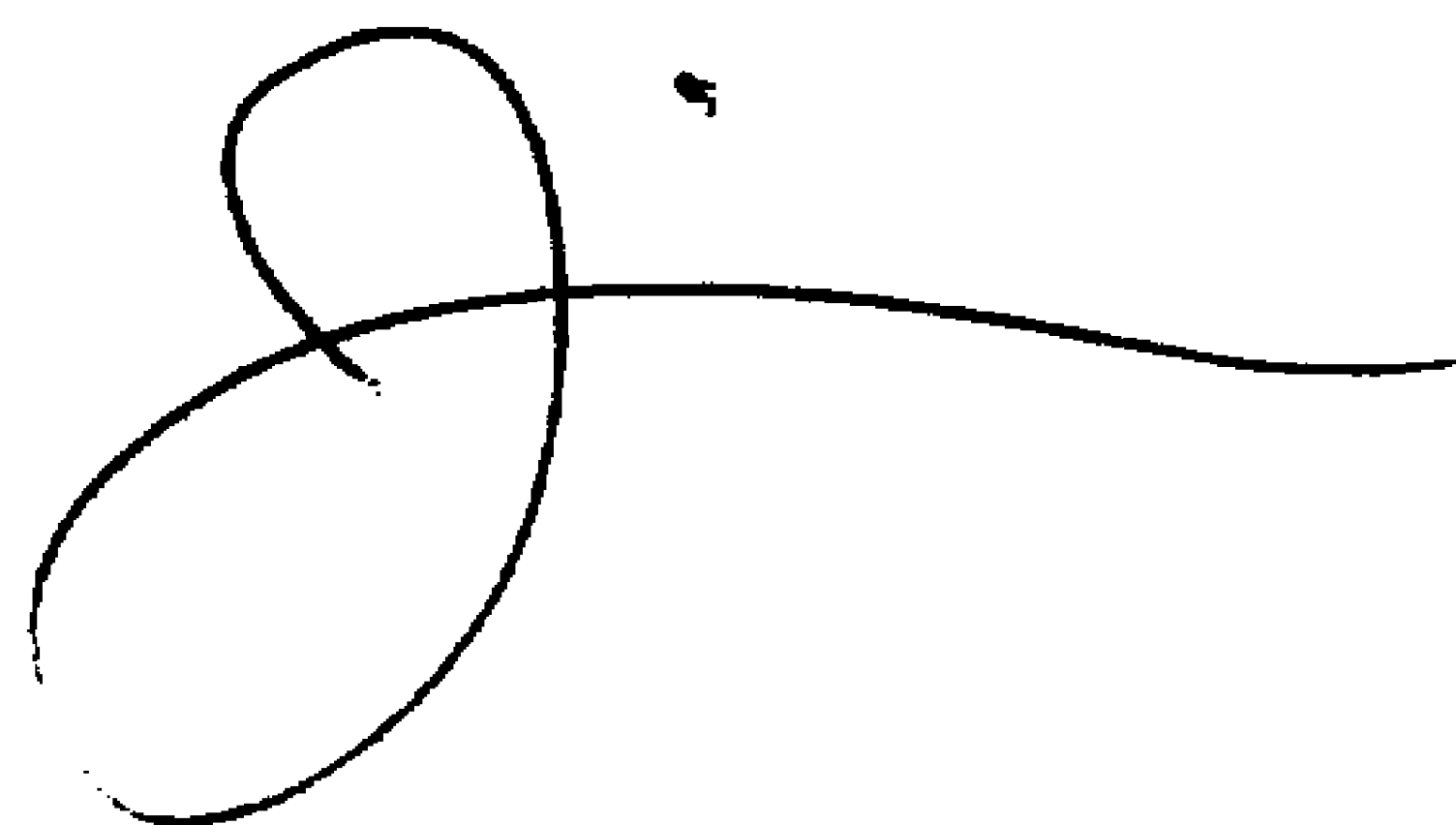
Waiting on Approval	-	0
Complete	-	1
In-Progress	-	4

		5

The safety related work orders for FY93 is as follows:

Waiting on Approval	-	0
Complete	-	7
In-Progress	-	8

		15



CHICALS PLANT

12/17/92

07:34:43

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WORK ORDER SEARCH REPORT

PARTNENT 001

WORK ORDER NO	STAT	WORK ORDER DESCRIPTION	EQUIPMENT	REQ	SUP	LOCATION	REC DATE
P 93-014434-000	AA	COOLING TOWER CATWALK FOR GEARBOX ACCESS	990000	DAN	DAN	AD-E-RDEEN	11/23/92
P 93-014434-049	AA	COOLING TOWER CATWALK FOR GEARBOX ACCESS	690000	DAN	DAN	AD-E-RDEEN	11/23/92
P 93-014434-099	AA	COOLING TOWER CATWALK FOR GEARBOX ACCESS	990000	DAN	DAN	AD-E-RDEEN	11/23/92

WORK ORDER SEARCH REPORT

DEPARTMENT 011

WORK ORDER NO	STAT	WORK ORDER DESCRIPTION	EQUIPMENT	REQ	SUP	LOCATION	REC DATE
< 91-007288-000	AA	REPLACE RELIEF VALVE AT TENNECO METERING STATION	780000	JRG	GAM	NA- -	08/16/91
P 93-014221-000	AA	REPLACE THE SIGHTGLASSES ON NO. 1,2 ,& 3 BOILERS	530000	CAC	FBA	NA- -	11/06/92
93-014325-000	AA	PULL AND CLEAN THE WATER TREATMENT POLYMER	770000	KV	FWF	NA- -	11/13/92
P 93-014667-000	AA	REPAIR THE INSULATION ON THE DEAERATOR AT THE	450064	CAC	GAM	DM 064	12/09/92
P 93-014671-000	AA	REPAIR GRATING ON DRAIN NORTH OF THE WATER	690000	CAC	FBA	NA- -	12/09/92
P 93-014742-000	AA	INSTALL HANDRAILS TO EXTEND 6' ON EITHER SIDE OF	690000	JDA	GAM	NA- -	12/15/92

WORK ORDER SEARCH REPORT

DEPARTMENT 055

WORK ORDER NO	STAT	WORK ORDER DESCRIPTION	EQUIPMENT	REQ	SUP	LOCATION	REC DATE
-----	---	-----	-----	---	---	-----	-----
92-008320-000	AA	PAINT NEW PIPE UNDER NEW RELIEF VALVES UNDER	370000	SAT	CAC	NA	10/23/91
P 92-012500-000	AA	REPAIR THE DECK UNDER THE 500 SERIES SILOS----	690000	LNS	CAC	NA- -	07/22/92
P 93-014910-000	AA	INSULATE THE STEAM PIPING AT THE P.A. UNLOADING	420000	LDH	GAM	NA- -	12/30/92
P 93-014971-000	AA	MAKE UP NEW SIGNS FOR CAUSTIC UNLOADING SIGNS	690000	LDH	FDA	NA- -	01/05/93

VISTA CHEMICALS PLANT

01/06/93

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WORK ORDER SEARCH REPORT

DEPARTMENT 089

WORK ORDER NO	STAT	WORK ORDER DESCRIPTION	EQUIPMENT	REQ	SUP	LOCATION	REC DATE
P 92-012441-000	AA	INSTALL FIRE EXTINGUISHERS ON TOP OF 410 & 417 SILO	660000	CW	FDA	NA- -	07/13/92
P 93-014803-000	AA	UNPLUG THE VENTILIZATION HOPPER	871009	TN	DAN	SL---801	12/18/92
C 93-014854-000	AA	CHECK AND REPAIR THE FLOOR HEATER UNDER WATER	620000	JH	HGL	NA- -	12/28/92

WORK ORDER SEARCH REPORT

DEPARTMENT 093

WORK ORDER NO	STAT	WORK ORDER DESCRIPTION	EQUIPMENT	REQ	SUP	LOCATION	REC DATE
-----	---	-----	-----	---	---	-----	-----
C 93-014303-000	AA	REPAIR THE PLATE FLOOR AROUND D-500 REACTOR	690000	JDM	FWF	RX---500	11/11/92
C 93-014324-000	AA	D-300 VALVE HANDLE OFF COLD WEATHER	770000	GCP	FWF	NA	11/13/92

WORK ORDER SEARCH REPORT

DEPARTMENT 096

WORK ORDER NO	STAT	WORK ORDER DESCRIPTION	EQUIPMENT	REQ	SUP	LOCATION	REC DATE
91-004529-000	AA	REPLACE WKM VALVES WITH BLOW OUT STEMS	770000	GSN		NA	02/26/91
C-92-011026-000	AA	INSTALL A SAFETY SIGN NORTH OF B-741 RX	310000	JR	CAC	NA- -	04/09/92
P 93-014752-000	AA	REPAIR THE VALVE ON THE HALON SYSTEM IN THE VINYL	660000	JR	GAM	NA- -	12/15/92

VISTA CHEMICALS PLANT

01/06/93

07:23:22 PAGE 2

WORK ORDER SEARCH REPORT

DEPARTMENT 001

WORK ORDER NO	STAT	WORK ORDER DESCRIPTION	EQUIPMENT	REQ	SUP	LOCATION	REC DATE
-----	---	-----	-----	---	---	-----	-----
91-007661-000	NA	REMOVE ASBESTOS INSULATION AT THE BOILERHOUSE IN	420000	JBA	GAM	NA- -	09/10/91

WORK ORDER SEARCH REPORT

DEPARTMENT 093

WORK ORDER NO	STAT	WORK ORDER DESCRIPTION	EQUIPMENT	REQ	SUP	LOCATION	REC DATE
92-010798-000	NA	INSTALL HANWAY HINGES ON THE BOTTOM OF D-300 RX	450300	FWF	GAM	RX---300	03/25/92
92-010799-000	NA	INSTALL HANWAY HINGES ON THE BOTTOM OF D-400 RX	450400	FWF	GAM	RX---400	03/25/92
92-010800-000	NA	INSTALL HANWAY HINGES ON THE BOTTOM OF D-500 RX	450500	FWF	GAM	RX---500	03/25/92
92-010801-000	NA	INSTALL HANWAY HINGES ON THE BOTTOM OF D-600 RX	450600	FWF	GAM	RX---600	03/25/92

WORK ORDER SEARCH REPORT

DEPARTMENT 094

WORK ORDER NO	STAT	WORK ORDER DESCRIPTION	EQUIPMENT	REQ	SUP	LOCATION	REC DATE
92-010802-000	WA	INSTALL MANWAY HINGES ON THE BOTTOM OF D-741 RX	450741	FWF	GAN	RX---741	03/25/92
92-010803-000	WA	INSTALL MANWAY HINGES ON THE BOTTOM OF D-742 RX	450742	FWF	GAN	RX---742	03/25/92
92-010804-000	WA	INSTALL MANWAY HINGES ON THE BOTTOM OF D-743 RX	450743	FWF	GAN	RX---743	03/25/92
92-010805-000	WA	INSTALL MANWAY HINGES ON THE BOTTOM OF D-744 RX	450744	FWF	GAN	RX---744	03/25/92

ACCIDENT INVESTIGATION
RECOMMENDATIONS
STATUS REPORT

ACCIDENT NUMBER	DATE	ACCIDENT	RECOMMENDATION	STATUS	RESPONSIBILITY	ESTIMATED COMPLETION DATE
9005	08/15/90	B.McALLISTER INJURY	ELIMINATE CONGESTION AROUND PLASTICIZER STEAM JETS TO ALLOW SAFER ACCESS.	COMPLETE.	DAN	01/01/93
91NM2	03/09/91	E. INCINERATOR FIRE	REVIEW CONTROL ROOM PRESSURIZATION DURING AN EMERGENCY	PROCEDURE IS BEING CHANGED AND A SHUT-OFF BUTTON IS BEING INSTALLED IN THE CONTROL ROOM.	JEN/DAN	01/01/93 ?
91NM3	08/16/91	BULK TRAILER RUPTURE	DEVISE & IMPLEMENT A PLAN TO RESTRICT ACCESS TO BULK TRAILER UNLOADING AREAS TO OPERATORS ONLY.	COMPOUND COMPLETE, LINE AREA IN PROGRESS	JDO	02/01/93
92NM1	02/27/92	D-700 EVAC. VALVE MALFUNCTION	AS VALVES BECOME AVAILABLE, DISASSEMBLE AND ASSURE THAT INDICATOR ARMS ARE ON STEMS.	IN PROGRESS	DAN	01/01/93 ?
92NM1	02/27/92	D-700 EVAC. VALVE MALFUNCTION	PHASE OUT THE 722 ACTUATORS REPLACE WITH 725 ACTUATORS.	IN PROGRESS	DAN	01/01/93 ?
92NM1	02/27/92	D-700 EVAC. VALVE MALFUNCTION	IMPLEMENT PLAN TO STANDARDIZE VALVES AND ACTUATORS INSTALLED IN FUTURE PROJECTS.	IN PROGRESS	DAN	01/01/93
92NM1	02/27/92	D-700 EVAC. VALVE MALFUNCTION	INSTALL A PRESSURE SWITCH AND INTERLOCK ON EACH EVAC. CHAMBER.	IN PROGRESS - WAITING APPROVAL	JEN/JDO	02/01/93
92NM2	06/26/92	P-1 TRANSFER LINE CHECK VALVE FAILURE.	SURVEY PROCESS LINES FOR SIMILAR SITUATIONS.	COMPLETE.	SCH	11/30/92
92NM2	06/26/92	P-1 TRANSFER LINE CHECK VALVE FAILURE.	EVALUATE PIPING SPECIFICATIONS TO DETERMINE IF EXISTING PIPING IS ACCEPTABLE FOR THE APPLICATION.	ORIGINAL TASK COMPLETE, EVALUATING OTHER LINES.	JEN	01/15/93
92NM3	02/20/92	ENERGY LOCKOUT INCIDENT ON P-1 REACTOR REPAIR	SPECIAL LOCKS AND TAGS WILL BE USED BY MAINTENANCE WORKERS WHEN JOB IS NOT COMPLETE.	PROCEDURE COMPLETE. AWAITING ARRIVAL AND DISTRIBUTION OF LOCKS AND TAGS. <i>Done</i>	DAN	12/01/92
92NM3	02/20/92	ENERGY LOCK OUT INCIDENT ON P-1 REACTOR REPAIR	MINIMIZE THE NUMBER OF MASTER KEYS TO LOCK OUT LOCKS	IN PROGRESS	DAN	12/01/92

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ACCIDENT INVESTIGATION
RECOMMENDATIONS
STATUS REPORT

ACCIDENT NUMBER	DATE	ACCIDENT	RECOMMENDATION	STATUS	RESPONSIBILITY	ESTIMATED COMPLETION DATE
92NM6	09/08/92	PLASTICIZER	ESTABLISH A LINE-CLEARING AND TAGOUT UNLOADING LINE PROCEDURE FOR USE WHEN PLASTICIZER PRESSURIZATION UNLOADING LINE VALVES AT PLASTICIZER TANKS ARE CLOSED.	PROCEDURE COMPLETE, COMMUNICATING TO EMPLOYEES.	JDD/SCH	11/01/92 2/1/93
92NM6	09/08/92	PLASTICIZER	REVISE PLASTICIZER UNLOADING PIPING SO IN PROGRESS - <u>LOW PRIORITY</u> UNLOADING LINE THAT NO LINE CAN BE BLOCKED IN WHEN PRESSURIZATION FULL OF PLASTICIZER.		JEN	10/01/93
92NM6	09/08/92	PLASTICIZER	REVIEW THE RESULTS OF THIS INCIDENT UNLOADING LINE DURING DEPARTMENT SAFETY MEETINGS. PRESSURIZATION	IN PROGRESS <u>Done</u>	DHs	12/31/92
92NM6	09/08/92	PLASTICIZER	CONDUCT A PLANT-WIDE SURVEY TO UNLOADING LINE IDENTIFY AND ADDITIONAL LIQUID-PACKED PRESSURIZATION LINES THAT MAY EXIST IN OTHER PARTS OF THE PLANT.	IN PROGRESS	JDD JBO.	11/01/92 2/1/93
93LT1	10/07/92	B. MCALLISTER LOST TIME INJURY	CHECK AND REPAIR ALL LIFT TRUCK PARKING BRAKES. DEADLINE ANY FOUND DEFECTIVE UNTIL REPAIRS HAVE BEEN MADE.	INSPECTION COMPLETE. DEFECTIVES HAVE BEEN QUARANTINED. <u>Done</u>	DAN	12/31/92
93LT1	10/07/92	B. MCALLISTER LOST TIME INJURY	EACH DEPARTMENT USING LIFT TRUCKS CONDUCT A SAFETY MEETING COVERING THIS ACCIDENT AND INVESTIGATION RESULTS, SAFE OPERATION OF LIFT TRUCKS, AWARENESS OF UNUSUAL PINCH POINTS AND ENERGY ISOLATION REQUIREMENTS, AND EMPHASIZE TO NOT ADJUST PARKING BRAKES.	COMPLETE <u>Done</u>	DHs	11/30/92
93LT1	10/07/92	B. MCALLISTER LOST TIME INJURY	DETERMINE THE BEST METHOD FOR SECURING A LIFT TRUCK FOR MAINTENANCE.	PROCEDURE WRITING IN PROGRESS	DAN	11/01/92 2/1/93
93LT1	10/07/92	B. MCALLISTER LOST TIME INJURY	DETERMINE THE MEANS OF CONTROL REQUIRED TO POSITIVELY RESTRAIN MOVEMENT OF EQUIPMENT DURING AUTOMOTIVE MAINTENANCE IN WHICH THE EQUIPMENT'S ENGINE IS RUNNING AND AN OPERATOR IS NOT IN THE NORMAL OPERATOR POSITION.	SURVEY IN PROGRESS.	DAN	02/01/93
93LT1	10/07/92	B. MCALLISTER LOST TIME INJURY	EVALUATE THE EXISTING DAILY OPERATION CHECKLIST FOR LIFT TRUCKS AND MODIFY AS REQUIRED TO PROVIDE THE INFORMATION REQUIRED BY MAINTENANCE TO CORRECT	SURVEY IN PROGRESS <u>Done</u>	DAN	01/01/93

ACCIDENT INVESTIGATION
RECOMMENDATIONS
STATUS REPORT

ACCIDENT NUMBER	DATE	ACCIDENT	RECOMMENDATION	STATUS	RESPONSIBILITY	ESTIMATED COMPLETION DATE
93LT1	10/07/92	B. MCALLISTER LOST TIME INJURY	REVIEW EXISTING PLANT POLICIES AND PRACTICES CONCERNING FORK LIFT OPERATIONS TO ENSURE THAT THEY ADDRESS SHUTDOWN OF THE ENGINE WHENEVER THE OPERATOR LEAVES THE DRIVER'S SEAT.	IN PROGRESS	CNN	12/31/92 2/1/93
93LT1	10/07/92	B. MCALLISTER LOST TIME INJURY	DETERMINE THE NEED FOR THE HYDRAULIC LIFT.	COMPLETE	DAN	/ /
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93LT1	10/07/92	B. MCALLISTER LOST TIME INJURY	INVESTIGATE RETROFITTING FORKLIFTS THAT DO NOT HAVE SECONDARY LOCKING DEVICES ON THE PARKING BRAKES WITH BRAKES THAT HAVE SUCH DEVICES.	IN PROGRESS <i>Done</i>	DAN	03/01/93
93LT1	10/07/92	B. MCALLISTER LOST TIME INJURY	ESTABLISH A FORMAL FORK LIFT INSPECTION PROGRAM FOR ALL PERSONNEL WHO MAY INSPECT A FORK LIFT. PROGRAM MUST INCLUDE DOCUMENTATION, RECORDS RETENTION, AND TRAINING REQUIREMENTS AND BE CONSISTENT WITH OSHA REGULATION CONCERNING LIFT TRUCKS.	IN PROGRESS	DAN	02/01/93
93LT1	10/07/92	B. MCALLISTER LOST TIME INJURY	DEVELOPE FORMAL PROCEDURES FOR PERFORMING MAINTENANCE WORK ON FORK LIFTS. TRAIN ALL EFFECTED EMPLOYEES.	IN PROGRESS	DAN	04/01/93
92NM7	06/10/92	CL DAVIS STRAINED WRIST - SLIP AND FALL	HAVE A PAN MADE TO HOLD PLASTICIZER FILTER CARTRIDGES FOR DRAINING.	COMPLETE	SCH	/ /
92NM7	06/10/92	CL DAVIS STRAINED WRIST - SLIP AND FALL	RE-EMPHASIZE HOUSEKEEPING REQUIREMENTS TO ALL OPERATORS	COMPLETE	SCH	/ /
92NM7	06/10/92	CL DAVIS STRAINED WRIST - SLIP AND FALL	PROVIDE PROPER SIZE BUCKET FOR DRAINAGE OF L3 PLASTICIZER FILTER HOUSING.	COMPLETE	SCH	/ /
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ABERDEEN PLANT
SAFETY REVIEW LOG

REVIEW NUMBER	REVIEW NAME	LAST REVIEW DATE	ACTION STEPS TAKEN?	FY90	FY91	FY92	FY93	FY94	FY95	FY96
90-1	CATALYST FREEZERS	MAY 90	YES				MAY			
90-2	REACTOR SEAL OIL SYSTEM	MAY 90	YES						MAY	
90-3	WASTE STORAGE	MAY 90	YES	OCT						
90-4	EXPLOSIVE GAS MIXTURE MONITORS	SEP 92	YES		SEP	SEP				
90-5	CATALYST INJECTION POTS	MAY 90	YES		MAY					
90-6	RUPTURE DISK INSTALLATION	FEB 90	YES		FEB					
90-7	PLANT CHLORINE SYSTEMS	SEP 92	YES		SEP	SEP				
90-8	LADDER PROGRAM	MAY 90	YES		MAY					
90-9	VCM UNLOADING SYSTEM	MAY 90	NO		MAY					
90-10	LEAD IN THE LAB	SEPT 90	YES							
90-11	HEARING SAFETY	SEPT 90	NO		SEPT					
90-12	500 SERIES SILOS	SEPT 90	YES				SEPT			
90-13	3-M AIR HATS	SEPT 90	YES		SEPT					
90-14	CORKIN COMPRESSORS	SEPT 90	YES	DEC						
90-15	SULFURIC ACID UNLOADING AND STORAGE	SEPT 90	YES		SEPT					
90-16	OVERHEAD AND TRUCK CRANES AND SLINGS	SEPT 90	YES		FEB					
90-17	SCAFFOLDING INSPECTION PROCEDURE	JULY92	YES			JULY	DEC			
91-1	OXYGEN MONITORS AUDIT	MAY 92	NO		FEB	MAY				
91-2	ACID CLEANING RIG	FEB 91	YES			FEB				
91-3	VCM BLEEDERS	MAR 91	YES		SEPT					

ABERDEEN PLANT
SAFETY REVIEW LOG

REVIEW NUMBER	REVIEW NAME	LAST REVIEW DATE	ACTION STEPS TAKEN?	FY90	FY91	FY92	FY93	FY94	FY95	FY96
91-4	BREATHING AIR SYSTEM	MAR 91	NO		SEPT					
91-5	COMPRESSED GAS CYL. STORAGE (LAB)	MAR 91	YES							MAR
91-6	BIO DISK SAFETY	MAY 91	YES				MAY			
91-7	HAND TOOL INSPECTION	DEC 90	YES							
91-8	DELUGE SYSTEM	MAY 92	YES		MAY	MAY				
91-9	ENVIRONMENTAL SAMPLING	JUN 91	YES			JUN				
91-10	REACTOR INTERLOCKS	JUN 91	YES				JUN			
92-1	CMPD. MILL ROLL ERMERGENCY STOPS	MAR 92	NO				MAR			
92-2	BULK TRUCK UNLOADING	MAR 92	NO				MAR			
92-5	BULK NITROGEN SYSTEM									
92-6	VCM OSHA REGULATIONS									
92-8	MANBASKET PROCEDURE & EQUIPMENT	SEP 92	NO							

SAFETY REVIEW
REPORT

REPORT NUMBER	REVIEW DATE	REVIEWER	RECOMMENDATION	STATUS	RESPONS.	COMP. DATE
90-9	MAY 90	DCS	INSTALL LOW PRESS. SHUTDOWN ON #1 CORKIN PUMP	CONSTRUCTION IS IN PROGRESS	DAM	04/01/93
90-11	SEPT 90	GAM	UPDATE PLANT NOISE SURVEY	REPORT IS BEING WRITTEN	CMM	04/01/93
91-4	MAR 91	WBG	MOVE LOW PRESS. ALARM FOR FRESH AIR SYS.	CONSTRUCTION COMPLETE, NEEDS ACCEPTANCE	DAM	01/01/93
91-4	MAR 91	WBG	PUT H2O LEVEL ALARM IN FRESH AIR TANK	CONSTRUCTION COMPLETE, NEEDS ACCEPTANCE	DAM	01/01/93
92-1	MAR 92	JVU	INSTALL EFFECTIVE STOP ALARMS.	MISC. CAP. PROJECT - IN ENGINEERING	SCH	04/01/93
92-2	MAR 92	LDH	DEVELOP TESTING PROCEDURE AND PM PROGRAM FOR FALL PROTECTION EQUIP.	COMPLETE	JDO	12/01/92
92-1	MAR 92	LDH	EVALUATE EXISTING FALL PROTECTION EQUIPMENT	<i>Done</i>	JDO	01/01/93
92-2	MAR 92	LDH	EVALUATE A TRUCK WASH-DOWN STATION TO ELIMINATE SLIP HAZARD IN WINTER.		JDO	03/01/93
92-2	MAR 92	LDH	UPDATE HOPPER TRUCK (UN)LOADING OPERATING PROCEDURES.		JDO	05/01/93

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