



DOW CHEMICAL U.S.A.

AUGUST 24, 1982

LOUISIANA DIVISION

P. O. BOX 150

PLAQUEMINE, LOUISIANA 70764-0150

504 389-8000

BULLETIN BOARD - RAILROAD

BULLETIN BOARD - TANK CAR CLEANING/INSPECTION

PLEASE INITIAL NEXT TO YOUR NAME AFTER READING ATTACHED NOISE SURVEY.

~~S. COMBS~~
G. SMITH *gc*
E. GEORGE *gc*
C. MABILE *gc*
T. JONES *gc*
E. FREDERICKS *gc*
D. CULLEN *gc*
P. POLITZ *gc*
K. DAIGLE *gc*
W. PRESLEY *gc*

RAILROAD
K. BERGERON *KB*
D. DUGAS *DD*
B. PICKERING *BP*
R. CHEMIN *RC*
O. JONES *OJ*
C. MATTHEWS *CM*
F. OUBRE *FO*
H. HOLMES *HH*
O. JACKSON *OJ*
R. DEFILS *RD*

L. PUGH *LP*
R. SHANKLIN *RS*
L. TILLMAN *LT*
L. PARAULT *LP*
A. HONORE *AH*
K. LEBOUFF *KL*
J. DUNN *JD*
L. JACKSON *LJ*
T. ASHLEY *TA*

J. HAYNES *JH*
G. BAGGETT *GB*
C. TICKLES *CT*
G. INNERARITY *GI*
~~ED DOMINIQUE~~
~~W. EDWARDS~~
~~H. WALKER~~

TANK CAR CLEANING/INSPECTION
L. GRANT *LG*
S. TATE *ST*
A. O'BEAR *AO*
W. JOHNSON *WJ*
E. DOMINIQUE *ED*
M. OSBORNE *MO*
W. LAYNES *WL*

N. FUSSELL *NF*
O. DICKERSON *OD*
~~B. WASHINGTON~~
~~F. WHITE~~

RAILROAD TRACK MAINTENANCE
G. MELANCON *GM*
W. RAY *WR*
W. ELZY *WE*
L. FIELDS *LF*

J. PRICE *JP*

GATX MINI-SHOP
M. TRABEAUX *MT*

B. GREEN *BG*

~~J. SMITH~~

SLINE INDUSTRIAL PAINTERS

J. L. MOREAU, JR.

SG

AN OPERATING UNIT OF THE DOW CHEMICAL COMPANY

DO 081039
CONFIDENTIAL

Complete 9-13-82
JLM



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AUGUST 24, 1982

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~~S. GOMEZ~~
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~~T. JONES~~
~~E. FREDERICKS~~
~~D. CULLAN~~
~~P. POLITA~~
~~K. DAIGLE~~
~~W. PRESLEY~~

RAILROAD
~~K. BERGERON~~
~~D. DUGAS~~
~~B. PICKERING~~
~~R. CHEMIN~~
~~O. JONES~~
~~C. MATTHEWS~~
~~F. CUBRE~~
~~H. HOLMES~~
~~O. JACKSON~~
~~R. DEFILS~~

~~L. PUGH~~
~~R. SHANKLIN~~
~~L. TILMAN~~
~~L. PARAVULT~~
~~A. HONORE~~
~~K. LEBOUF~~
~~J. DUNN~~
~~L. JACKSON~~
~~T. ASHLEY~~

TANK CAR CLEANING/INSPECTION

~~J. HAINES~~
~~C. BAGGETT~~
~~G. TICKLES~~
~~C. INNERARITY~~
ED DOMINIQUE *Ed*
W. EDWARDS *W.E.*
H. WALKER - *H.W.*

L. GRANT - *L.G.*
S. TATE *S. Tate*
A. O'BEAR *A. O'Beare*
W. JOHNSON *Bill Johnson*
E. DOMINIQUE *E.R.*
M. OSBORNE *M.O.*
W. LAYNES *W.L.*

RAILROAD TRACK MAINTENANCE

~~N. FUSSELL~~
~~O. DICKERSON~~
B. WASHINGTON *B.T.*
F. WHITE *F.W.*

G. MELANCON *G.M.*
W. RAY *W.R.*
W. ELZY *W.E.*
L. FIELDS *L.F.*

GATX MINI SHOP

~~J. PRICE~~

~~M. TRABEAUX~~

~~B. GREEN~~

SLINE INDUSTRIAL PAINTERS

J. SMITH *J.S.*

J. L. MOREAU, JR.

SG

AN OPERATING UNIT OF THE DOW CHEMICAL COMPANY

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DOW CHEMICAL U.S.A.

AUGUST 23, 1982

LOUISIANA DIVISION
P. O. BOX 150
PLAQUEMINE, LOUISIANA 70764-0150
504 389-8000

J. E. CAMPBELL - IND. RELATIONS/MTLS. HANDLING
P. J. PREJEAN - RAILROAD
J. M. CRONAN - TANK CAR CLEANING
CHARLIE HALPHEN - INDUSTRIAL HYGIENE
DANNIE KENNEDY - INDUSTRIAL HYGIENE
JOHN MCBRIDE - SAFETY

THE ATTACHED NOISE SURVEYS WERE MADE BY MONITORING EMPLOYEES WITH BRUEL & KJAER TYPE 4431 DOSIMETERS TO DETERMINE THE EXTENT OF NOISE DURING THE NORMAL WORK DAY. 100% REPRESENTS MAXIMUM ALLOWABLE EXPOSURE, EQUIVALENT TO 85 DECIBELS (DBA) FOR A DURATION OF 8 HOURS.

MUCH PROGRESS HAS BEEN MADE IN REDUCING NOISE LEVELS. MORE ATTENTION WILL BE GIVEN TO TANK CAR CLEANING WHERE INITIAL LEVELS WERE EXTREMELY HIGH. NEW METHODS ARE BEING IMPLEMENTED IN EFFORTS TO FURTHER REDUCE EMPLOYEE EXPOSURE.

J. L. Moreau, Jr.

J. L. MOREAU, JR.
INDUSTRIAL HYGIENE SPECIALIST
RAILROAD/MARINE DEPTS.

SG

COPIES: BULLETIN BOARD - RAILROAD
" " - TANK CAR CLEANING

RAILROAD SWITCHING CREW

<u>DATE</u>	<u>DOSIMETER #</u>	<u>NAME</u>	<u>JOB</u>	<u>DURATION</u>	<u>% ALLOWABLE EXPOSURE</u>
6-23	839609	G. KLEINPETER	FIELD MAN	715AM-245PM	32
"	839611	L. TILLMAN	PIN PULLER	" "	49
"	839610	D. DUGAS	FOREMAN	" "	26
"	839608	L. PARALT	ENGINEER	" "	86
"	839609	A. HONORE	ENGINEER	300PM-1100PM	88
"	839611	K. LEBOUF	FIELD MAN	" "	46
"	839610	K. BERGERON	FOREMAN	" "	23
"	839608	O. JACKSON	PIN PULLER	" "	58
"	839609	K. DAIGLE	FOREMAN	1100PM-630AM	29
"	839611	L. JACKSON	FIELD MAN	" "	57
"	839610	R. SHANKLIN	ENGINEER	" "	67
"	839608	O. JACKSON	PIN PULLER	" 300AM	41

CONCLUSION: SEE SWITCH ENGINES NOISE SURVEY DATED APRIL 1, 1981 - RECOMMEND CONTINUED WEARING OF HEARING PROTECTION BY ANYONE RIDING FRONT OF ENGINE WHEN HORN IS BLOWING.

TANK CAR CLEANING

<u>DATE</u>	<u>DOSIMETER #</u>	<u>NAME</u>	<u>JOB</u>	<u>DURATION</u>	<u>% ALLOWABLE EXPOSURE</u>
6-24	839608	M. OSBORNE	LABORER	745AM-245PM	30
"	839609	L. GRANT	"	" "	40
"	839611	W. EDWARDS	"	" "	20
"	839608	W. LAYNES	"	300PM-1100PM	72
"	839609	ED DOMINIQUE	"	" "	609*
"	839608	SON TATE	"	1100PM-600AM	30
"	839609	W. JOHNSON	"	" "	84
6-29	839609	W. JOHNSON	"	300PM-1030PM	309**
"	839611	SON TATE	"	" "	198****
7-21	839608	W. JOHNSON	"	320PM-1030PM	442***
"	839610	SON TATE	"	" "	236*****

* DRIED HOPPER CAR BOTTOM OUTLETS WITH 3/4 IN. AIR HOSE (15 CARS)

** " " " " " " " " (13 CARS)

*** " " " " " " " " (12 CARS)

ALSO DRIED INTERIORS OF 4 TANK CARS WITH AIR HOSE

**** DRIED INTERIORS OF 2 TANK CARS WITH AIR HOSE

***** DRIED INTERIORS OF 4 TANK CARS WITH AIR HOSE

CONCLUSION: SEE PREVIOUS NOISE SURVEYS, RECOMMEND CONTINUED WEARING OF HEARING PROTECTION WHEN EXPOSED TO HIGH NOISE LEVELS.

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RAILROAD TRACK MAINTENANCE

<u>DATE</u>	<u>DOSIMETER #</u>	<u>NAME</u>	<u>JOB</u>	<u>DURATION</u>	<u>% ALLOWABLE EXPOSURE</u>
7-2	839608	L. FIELDS	LABORER	730AM-300PM	72*
"	839609	W. RAY	"	" "	41
"	839610	W. ELZY	"	" "	45
"	839611	B. WASHINGTON	FOREMAN	" "	68**
7-26	839608	F. WHITE	LABORER	745AM-330PM	79*
"	839610	G. MELANCON	"	" "	47

* OPERATED AIR DRIVEN SPIKE DRIVER

** OPERATED TIE PULLER

CONCLUSION: SEE PREVIOUS NOISE SURVEY. RECOMMEND CONTINUED WEARING OF HEARING PROTECTION WHEN OPERATING OR IN CLOSE PROXIMITY TO HIGH NOISE EQUIPMENT.

RAILROAD TIE TAMPER

<u>DATE</u>	<u>DOSIMETER #</u>	<u>NAME</u>	<u>JOB</u>	<u>DURATION</u>	<u>% ALLOWABLE EXPOSURE</u>
8-13	839608	K. BERGERON	IN CAB OPERATOR	730AM-230PM	104
"	839610	F. WHITE	ON GROUND	" "	88
8-16	839608	B. PICKERING	IN CAB	715AM-200PM	83
		P. POLITZ <i>pmf</i>	OPERATOR		
8-17	839608	B. PICKERING	ON GROUND	715AM-230PM	85
		P. POLITZ <i>pmf</i>			

CONCLUSION: SEE PREVIOUS NOISE SURVEY. RECOMMEND CONTINUED WEARING OF HEARING PROTECTION BY OPERATOR IN CAB AND ALSO BY MAN ON GROUND WHEN IN CLOSE PROXIMITY TO TAMPER WHEN TAMPER IS OPERATING. NOISE LEVELS COULD BE GREATLY REDUCED BY INSULATING INTERIOR OF TAMPER CAB AND BY INSTALLING AN AIR CONDITIONER. AT PRESENT, FOR OPERATOR COMFORT IN HOT WEATHER, IT IS NECESSARY TO KEEP CAB DOORS OPEN, THEREBY INCREASING NOISE EXPOSURE.