

May 4, 1994

The attached form indicates when service maintenance was performed on the fire equipment located in your area. If you have any questions or need further information, please contact me at extension 8995 or the Fire Station, Building 2303.

Shane Tullier
Fire Protection
Building 2303
Phone 8995

To:
Block 28 - Power I
The following Fire Equipment was tested on these dates.
Fire Extinguishers: <i>January 12, 1994</i>
Sprinkler Systems:
Heat Test: <i>June 9, 1993</i>
Flow Test: <i>June 9, 1993</i>
SAP Readings: <i>Quarterly</i>
Smoke Detectors: <i>First Quarter</i>
Hydrants and Deluge Guns: <i>August 10, 1993</i>

DO A 117090
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Sprinkler Valve

Inspection and Maintenance

Block 28 Power I

Serial # 24-744

PSI 46

Valve Size 2.5

Gals Per Min 162

Vent Size 10

of Circuits 1

System 1 #1 Turbine

Air Line Restrictions 15

05-01-89	Heat test. A-7, B-6, C-6, D-5 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: . Static: 70. Residual: 65. Drain Flow
05-01-90	Heat test. A-8, B-6, C-7, D-6 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: 29. Static: 91. Residual: 88. Drain Flow
11-01-91	Heat test. A-6, B-5, C-5, D-5 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: 34. Static: 83. Residual: 80. Drain Flow
11-11-92	Heat test. A-8 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: . Static: 80. Residual: . No Flow
04-16-93	Heat test. a-7 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: 30. Static: 75. Residual: 70. Drain Flow

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Sprinkler Valve Inspection and Maintenance

Block 28 Power I

Serial # 25-604

PSI 50

Valve Size 2.5

Gals Per Min 196

Vent Size 10

of Circuits 2

System 2 #2 Turbine

Air Line Restrictions 15

05-01-89	Heat test. A-7, C-6, C-6, D-5 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: . Static: 70. Residual: 67. Drain Flow
05-01-90	Heat test. A-6, B-6, C-4, D-5 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: 23. Static: 90. Residual: 87. Drain Flow
11-01-91	Heat test. A-7, B-5, C-6, D-5 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: 23. Static: 82. Residual: 78. Drain Flow
11-11-92	Heat test. A-6 B-7 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: . Static: 80. Residual: . No Flow
04-16-93	Heat test. A-5, B-6 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: 24. Static: 85. Residual: 75. Drain Flow
05-03-93 09:17PM	System Tripped: Cntrl Rm Wind speed: 1 . Wind direction: S. TRIPPED BY ACCIDENT Taped Tubing, Changed Bad hangers & H.A.D'S

DO A 117092
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Sprinkler Valve Inspection and Maintenance

Block 28 Power I

Serial # 24-743

PSI 48

Valve Size 2.5

Gals Per Min 164

System 3 #1 Turbine Oil Reservoir

Vent Size 10

of Circuits 1

Air Line Restrictions 15

05-01-89	Heat test. A-5 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: . Static: 65. Residual: 55. Drain Flow
05-01-90	Heat test. A-7 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: 24. Static: 79. Residual: 44. Cleaned Nozzles
11-01-91	Heat test. A-3 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: 25. Static: 80. Residual: 78. Drain Flow
11-11-92	No Heat Test Due To Changing Of Mercury Checks Flow test. SAP: 29. Static: 80. Residual: 75. Drain Flow
04-16-93	Heat test. A-3 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: . Static: 80. Residual: 75. Drain Flow

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Sprinkler Valve Inspection and Maintenance

Block 28 Power I

Serial # 24-746

PSI 52

Valve Size 2.5

Gals Per Min 386

Vent Size 10

of Circuits 1

System 5 Aux Transformer

Air Line Restrictions 15

05-01-89	Heat test. A-6 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: . Static: 65. Residual: 56. Drain Flow
05-01-90	Heat test. A-6 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: 26. Static: 78. Residual: 60. Cleaned Nozzles
11-01-91	Heat test. A-2 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: 28. Static: 80. Residual: 77. Drain Flow
11-11-92	No Heat Test Due To Changing Of Mercury Checks Flow test. SAP: 24. Static: 79. Residual: 76. Drain Flow
04-16-93	Heat test. A-4 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: 24. Static: 80. Residual: 75. Drain Flow

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Sprinkler Valve Inspection and Maintenance

Block 28 Power I

Serial # 26-610
Valve Size 2.5
Vent Size 10

PSI 50
Gals Per Min 380
of Circuits 2
Air Line Restrictions 15

System 6 #3 & 4 Hydrogen Seal

05-01-89	Heat test. A-7, B-6, C-6, D-5 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: . Static: 70. Residual: 65. Drain Flow
05-01-90	Heat test. A-6, B-8 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: 26. Static: 78. Residual: 67. Cleaned Nozzles
11-01-91	Heat test. A-2 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: 27. Static: 80. Residual: 75. Drain Flow
11-11-92	Heat test. A-7 B-6 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: . Static: 85. Residual: . No Flow
11-11-92	Heat test. A-7, B-6 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: . Static: 85. Residual: . No Flow
04-16-93	Heat test. A-6, B-7 Taped Tubing, Changed Bad hangers & H.A.D'S Flow test. SAP: 30. Static: 75. Residual: 70. Drain Flow

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Sprinkler Valve Supervisory Air Pressure

Block and System		Year	1st Qtr			2nd Qtr			3rd Qtr			4th Qtr		
			SAP	S	R	SAP	S	R	SAP	S	R	SAP	S	R
28 - Power I	1 - #1 Turbine	93	30	86	80	36	85	81	30	80	74	29	80	73
28 - Power I	2 - #2 Turbine	93	25	82	77	24	85	79	24	80	73	24	80	72
28 - Power I	3 - #1 Turbine oil reservoir	93	27	90	84	30	90	85	24	92	83	26	90	82
28 - Power I	5 - Aux Transformer	93	26	90	85	29	90	86	30	90	85	30	90	84
28 - Power I	6 - #3 & 4 hydrogen seal	93	26	90	64	24	89	82	30	80	76	36	80	75

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POWER I - BLOCK 28

THE FOLLOWING TYPES OF EXTINGUISHERS ARE FOUND IN THIS BLOCK.

1/94 SERVICED BY : DOOLEY TACKABERRY

1	20# CO2 - FIXED
11	10# FORAY
43	15# CO2
18	20# DC
4	150# DC
6	9# HALON

STA NO	TYPE	LOCATION
1A	9# HALON	HALLWAY - OFFICE
2	15# CO2	2ND LEVEL - E DOOR, CONTROL ROOM
3	15# CO2	CENTER - UPPER FIRING AISLE, N SIDE CONTROL RM
4	15# CO2	E END UPPER FIRING AISLE #1 BOILER
5	15# CO2	E END UPPER FIRING AISLE #1 BOILER
6	15# CO2	W END UPPER FIRING AISLE #3 BOILER
7	15# CO2	2ND LEVEL - W DOOR, OUTSIDE CONTROL ROOM
8	20# DC	W DOOR OUTSIDE C/ROOM - 2ND LEVEL
9	15# CO2	W DOOR OUTSIDE C/ROOM - 2ND LEVEL
10	150# DC	D81/N82 2ND LEVEL - E OF TURBINE #1
11	20# DC	2ND LEVEL - WALL N OF TURBINE #1
12	15# CO2	2ND LEVEL-- WALL N OF TRUBINE #1
13	15# CO2	2ND LEVEL - SOUTH OF TURBINE #1
14	20# DC	2ND LEVEL- SW OF TURBINE #2
15	150# DC	D85/N85 2ND LEVEL - W OF TURBINE #2
16	20# DC	2ND LEVEL - WALL N OF TURBINE #2
17	15# CO2	2ND LEVEL - WALL N OF TURBINE #2
18	15# CO2	LOWER FIRING AISLE- SW CORNER - BOILER #3
19	15# CO2	LOWER FIRING AISLE- SE CORNER - BOILER #2
20	15# CO2	LOWER FIRING AISLE- #1 BOILER
21	150# DC	D78/N87 2ND LEVEL BETWEEN TURBINES 3 # 4
22	20# DC	2ND LEVEL - S OF TURBINE #3
23	15# CO2	2ND LEVEL - N OF TURBINE #3
24	15# CO2	2ND LEVEL - N OF TURBINE #4
25	20# DC	2ND LEVEL - S OF TURBINE #4
27	15# CO2	S DOOR- #1 AUXILARY CONTROL ROOM
29	20# DC	GROUND LEVEL - S OF OIL RES - TURBINE #1
30	15# CO2	NEAR #1 HOGGER
31	15# CO2	E OF H2 CYLINDERS - #1 GENERATOR
32	15# CO2	N OF CO2 CYLINDERS - #1 GENERATOR
33	15# CO2	E OF #1 EXCITER
34	150# DC	D78/N84 E AUX. BAY - BETWEEN H2 CAB. #1 & #2
35	15# CO2	N OF H2 CYLINDERS - #2 GENERATOR
36	20# DC	N OF H2 CYLINDERS - #2 GENERATOR
37	20# DC	N OF OIL RESERVOIR - #2 TURBINE
38	20# DC	W OF OIL RESERVOIR - #2 TURBINE

DO A 117097
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39	15# CO2	W DOOR - #1 15KV SWITCHGEAR ROOM
40	15# CO2	N DOOR - #1 15KV SWITCHGEAR ROOM
41	15# CO2	E DOOR - #1 15KV SWITCHGEAR ROOM
42	15# CO2	#1-2 CIRCULATOR SLAB - ON N. CANAL RD
43	20# DC	SE OF OIL RESERVOIR - #3 TURBINE
44	15# CO2	N DOOR #2 2400V SWITCHGEAR ROOM
45	15# CO2	COLUMN BETWEEN 2400V BUSES #3 & #4
46	15# CO2	S OF CO2 CYLINDERS - #3 GENERATOR
47	15# CO2	NW DOOR 2400V SWITCHGEAR ROOM
48	15# CO2	SW DOOR 2400V SWITCHGEAR ROOM
49	15# CO2	N WALL - #2 15KV SWITCHGEAR ROOM
50	15# DC	E DOOR - #2 15KV SWITCHGEAR ROOM
51	15# CO2	S WALL - #2 15KV SWITCHGEAR ROOM
52	20# DC	S OF OIL RESERVOIR - #4 TURBINE
54	10# FORAY	S DOOR - #2 AUXILIARY ROOM
55	15# CO2	CIRCULATORS 3A & 3B - ON N. CANAL RD
63	20# DC	I-BEAM N OF #3 BOILER
64	20# DC	OUTSIDE - OIL STOR. SHED W OF SHOP
65	15# CO2	CENTER - WHSE. - UPSTAIRS
66	10# FORAY	SE CORNER OF SHOP
67	10# FORAY	MATERIAL CONTROLLER'S OFF.
68	10# FORAY	TOWMOTOR #1097
70	15# CO2	DML BLDG.
71	15# CO2	FIRE WATCH - WHSE.
72	15# CO2	FIRE WATCH - WHSE.
73	20# DC	FIRE WATCH - WHSE.
74	15# CO2	FIRE WATCH - WHSE.
75	9# HALON	COMPUTER ROOM
76	9# HALON	COMPUTER ROOM
77	10# FORAY	E WALL - ELEC. SHOP
78	10# FORAY	W WALL - ELEC. SHOP
79	10# FORAY	E WALL - ELEC. OFFICES
80	10# FORAY	W WALL - ELEC. OFFICES
81	15# CO2	SW DOOR WHSE.
82	15# CO2	NW DOOR WHSE.
83	20# DC	BLK 28 DISTILLATE DRUM SW END OF BLOCK
84	10# FORAY	INSIDE FENCED AREA IN WAREHOUSE
88	9# HALON [2]	BLDG 2809 S/E CORNER OF BLOCK

* BLDG. 2805 *

5 (2)	20# DC	STORAGE AREA S OF BLDG 2805
6	10# FORAY	SOUTH DOOR
7	10# FORAY	HALLWAY
8	9# HALON	COPIER ROOM
9	15# CO2	AIRCOND. ROOM
11	10# FORAY	NORTH OF LUNCHROOM
12	9# HALON	BLDG 2803

*****END*****

DO A 117098
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THIS IS WATER TREATING PLANT FIRE EXTINGUISHER REPORT

9/93 SERVICED BY: DOOLEY TACKABERRY

THE FOLLOWING EXTINGUISHERS ARE FOUND IN THE PLANT:

7	10#	FORAY
7	15#	CO2
10	20#	DRY CHEM
3	9#	HALON

STA NO	TYPE	LOCATION	HST	COMMENTS
1	10# FORAY	IN HALL NEAR LUNCH ROOM, BLDG 1801		
2	10# FORAY	OFFICE, BLDG 1801		
3	9# HALON	EAST DOOR CONTROL ROOM, BLDG 1801		
3A	9# HALON	S DOOR BLDG. 1801		
4	20# DC	COLUMN OVERHEAD PIPEWAY		
5	20# DC	CHLORINE CYLINDRES		
6	9# HALON	SW DOOR BLDG. 1801		
7	20# DC	OIL STORAGE NW OF BLDG 1801		
8	10# FORAY	SE DOOR OF NEW WHSE		
9	15# CO2	WEST DOOR OF NEW WHSE		
10	10# FORAY	SW DOOR OF NEW WHSE		
11	10# FORAY	NORTH WALL, 2ND FLOOR NEW WHSE		
12	20# DC	INTAKE PUMPS SOUTH SIDE		
13	20# DC	CLARIFIER PLATFORM		
14	20# DC	WEST WALL OUTSIDE SW DOOR BLDG 1801		
15	15# CO2	WEST ACID NEUTRALIZATION TANK BY MCC		
16	15# CO2	BASE OF STAIRS IN WAREHOUSE		
17	15# CO2	W WALL OUTSIDE NW DOOR BLDG 1801		
18	(2) 15# CO2	E DOOR WHSE FIREWATCH		
19	(2) 15# CO2	E DOOR WHSE FIREWATCH		
20	15# CO2	BLDG. 1804 MCC		
21	15# CO2	E DOOR MCC BLDG 1804		

BLOCK 35 WATER TREATING CLARIFIER AREA

DO A 117099
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1 10# FORAY
2 15# CO2
3 20# DRY CHEMICAL

STA NO	TYPE	LOCATION	HST	COMMENTS
1	15# CO2	CENTER DOOR CONTROL ROOM		
2	15# CO2	WEST DOOR CONTROL ROOM (OUTSIDE)		
3	20# DC	WEST STAIRS TO CLARIFIER		
4	20# DC	SE STAIRS TO CLARIFIER		
5	20# DC	WEST STAIRWAY TO INTAKE PUMPS AND CHEMICAL FEED		
6	10# FORAY	OUTSIDE BLDG 3502-T		

SUB STATIONS & WATER WELLS

1 10# FORAY
19 15# CO2
10 20# DC
1 50# CO2

STA. NO	TYPE	LOCATION	HST	COMMENTS
1	15# CO2	SE CORNER BLK 26 - SS #1		
2	15# CO2	SE CORNER BLK 36 - SS #2		
3	15# CO2	SE CORNER BLK 38 - SS #3		
4	15# CO2	SW CORNER BLK 46 - SS #4		
5	15# CO2	N END OF GLYCOL ROAD - SS #5		
6	15# CO2	SE CORNER BLK 29 - SS #6		
7	15# CO2	BLK 9 BLDG 920 (OUTSIDE) - SS #7		
8	15# CO2	SE CORNER BLK 17 - SS #8		
9	15# CO2	E WALL OUTSIDE BLK 47 - SS #10		
10	15# CO2	NW CORNER BLK 47 - SS #10		
11	20# DC	BLOCK 8 - WW #1		
12	20# DC	BLOCK 28 - WW #2		
13	20# DC	BLOCK 48 - WW #3		
14	20# DC	BLOCK 45 - WW #4		
15	20# DC	BLOCK 86 - WW #5		
16	20# DC	BLOCK 80 - WW #6		
17	20# DC	BLOCK 110 - WW #7		
18	20# DC	ACROSS FROM GATE 4 - WW #8		
19	20# DC	BLOCK 56 - WW #9		
20	15# CO2	RETURN PUMP SUB STATION		
21	20# DC	GAS METERING STATION BLK 48		
22	15# CO2	RETURN PUMP MOTOR PLATFORM		

DO A 117100
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23	50# CO2	INTAKE PUMP PLATFORM		
24	15# CO2	INTAKE PLATFORM NORTH RAIL		
25	15# CO2	INTAKE PLATFORM WEST RAIL		
26	15# CO2	INTAKE PLATFORM ENTRANCE SOUTH		
27	10# FORAY	ROVING OPERATOR TRUCK		
29	15# CO2	INTAKE LEVEE		
30	15# CO2	RETURN LEVEE		
31	15# CO2	NITROGEN (OUTSIDE GATE 9)		
32	15# CO2	GULF STATES SUB [INSIDE] S/DOOR		

***** END *****

DO A 117101
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CHARTER MEMBER
 **FIRE
SUPPRESSION
SYSTEMS
ASSOCIATION**
License Number 1523

(504) 851-0981
FAX (504) 851-0982

TO

Dow Chemical
P.O. Box 2547
Norwalk, ME. 48641-2047

TERMS:

בשנת ה'תשס"ב

PHONE	DATE OF ORDER 4-12-94
ORDER TAKEN BY	CUSTOMER'S ORDER NUMBER 17E1761
☒ DAY WORK ☐ CONTRACT ☐ EXTRA	
JOB NAME / NUMBER 94-5001 POLICE RI Block-28	
JOB LOCATION B164 2601, 2605, 2615	
JOB PHONE	STARTING DATE 4-11-94

[illegible]

Work ordered by

Signature

I hereby acknowledge the satisfactory completion of the above described work

Thank You

TAX

TOTAL

170 Thompson Road
Station 1 - Box 18157
Houma, Louisiana 70362



**FIRE
SUPPRESSION
SYSTEMS
ASSOCIATION**
License Number: 1022

FAX (204) 851-0000

PHONE 353-8608	DATE OF ORDER 4-11-94
ORDER TAKEN BY	CUSTOMER'S ORDER NUMBER 17F1761
☒ DAY WORK ☐ CONTRACT ☐ EXTRA	
JOB NAME/NUMBER 94-5001 POWER I Block 28	
JOB LOCATION Blk 2808	
JOB PHONE	STARTING DATE 4-11-94

TO Dow Chemical
P.O. Box 2047
Midland MT. 59641-2047

TERMS:

QTY	MATERIAL	PRICE	AMOUNT	DESCRIPTION OF WORK
>				PERFORM ANNUAL MAINTENANCE INSPECTION ON FIRE ALARM ZIC CONTROL PANEL. FUNCTION TEST.
				(1) ZIC PANEL.
				(2) DETECTOR'S
				(3) AUDIBLE SIGNALING.
				(4) ALARM GRAPHIC CONTROL ROOM.
				OTHER CHARGES
				ALL TESTS PERFORMED PER MANUFACTURER'S RECOMMENDATIONS.
				TOTAL OTHER
				LABOR HRS. RATE AMOUNT
>				P. LANDAU 2
				ECCC0365
				C. LAJUNIE 2
				ECCCC367
				TOTAL LABOR
				TOTAL MATERIALS
				TOTAL MATERIALS

Work ordered by

Signature

I hereby acknowledge the satisfactory completion of the above described work.

Thank You

TAX**TOTAL**

DO A 117103
CONFIDENTIAL

170 Thompson Road
Station 1 - Box 10167
New Orleans, Louisiana 70133



**FIRE
SUPPRESSION
SYSTEMS**

License Number 10423

(S04) 851-0001
FAX (S04) 851-0000

PHONE	353-6816	DATE OF ORDER	4-11-94
ORDER TAKEN BY		CUSTOMER'S ORDER NUMBER	1781761
☒ DAY WORK ☐ CONTRACT ☐ EXTRA			
JOB NAME/NUMBER			
94-5001 POWER I Block 28			
JOB LOCATION			
Bldg 2804			
JOB PHONE		STARTING DATE	
		4-11-94	

TO Dea Chemical
P.O. Box 2047
Midland ME 48641-2047

TERMS:

QTY.	MATERIAL	PRICE	AMOUNT	DESCRIPTION OF WORK
>				PERFORM ANNUAL MAINTENANCE + INSPECTION ON FIRE-KIT 210 DETECTION SYSTEM. FUNCTION TEST.
				(1) 210 PANEL
				(2) DETECTORS
				(3) SILENCE ALARM.
				(4) SOUND ALARM GRAPHIC IN CONTROL RM.
				OTHER CHARGES
				ALL TEST PERFORMED PER MANUFACTURERS RECOMMENDATIONS.
				TOTAL OTHER
				LABOR HRS. RATE AMOUNT
>				B. LANCHY 2
				E0000365
				G. LATANIER 2
				E0000367
				TOTAL LABOR
DATE COMPLETED	TOTAL MATERIALS			TOTAL MATERIALS

Work ordered by

Signature

I hereby acknowledge the satisfactory completion of the above described work.

PRODUCT 244 **NEWS** Inc., Canton, Mass. 01471
To Order PHONE TOLL FREE 1 + 800-225-5380

Thank You

TAX

TOTAL

DO A 117104
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