

RED HILL TANK NO. 11
PRODUCT: DFM

<u>DATE</u>	<u>REMARKS</u>
11/28/51	Cleaned tank. Labor Cost: \$1892.65. Material: \$350.20
10/11/63	Calibrated gauge.
1/29/64	Tank cleaned by Pearl Harbor NSYD. Inspected by NSC. Tank in good condition. No evidence of liner plate corrosion in bottom section.
3/10/72	Emptied and cleaned for conversion.
6/29/72	Converted to Navy Distillate.
8/10/72	Completed installation and testing of motor valve control circuit.
5/2/73	Emptied tank.
6/1/73	Cleaned tank.
6/7/73	Finished cleaning tank.
6/14/73	Removed and installed new 6" valve.
9/1/73	Emptied and cleaned for conversion. Telemeter system installed.
10/3/73	Installed 16" flanges and blanks.
10/3/73	Welded flanges to main line.
7/10/73	Tank completely emptied.
7/10/78	Completed fuel removal for turnover to contractor for MILCON P-060.
10/25/78	Contractor began work. Removed motorized valves and installed blanks.
6/1/80	Final inspection. Problems were noted with large sections of the coating of Tank 11. Coating appeared not to be in conformance with specifications. ROICC reported that dull areas of coating have been carefully inspected and met specification requirements. ROICC accepted Tank 11.
7/15/78	Took Mr. Garber, SUBASE Photo Lab, to document in pictures the condition of the lining in tank which was accepted as satisfactory by ROICC.

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7/28/80	Contractor notified ROICC that tank is ready to be returned to service. Began refilling tank for leak test.
8/8/80	Tank was returned from the contractor and filled to capacity with DFM for leak testing. Due to an observed leakage rate of 1,000 to 1,500 gallons per day, the tank level was immediately dropped in stages to attempt to determine the leak location. As of the end of August, it appears that the leak is between the current level of 51 feet and bottom of the tank. As soon as ullage is available, the tank will be completely drained. Tank is now leaking at a rate of 20 gallons per hour.

LEAK TEST DATA AFTER INITIAL REPAIR AND LINING
(Note that leak rate is based on data from telemetering.)

<u>DATE</u>	<u>FILL LEVEL</u>	<u>LEAK RATE (GAL/DAY)</u>
8/8-11/80	235.0	1497
8/12-13/80	214.0	2412
8/13-15/80	202.0	1614
8/16-18/80	182.0	1380
8/18-21/80	149.0	1070
8/23-25/80	100.0	785
8/26-9/8/80	51.0	487
9/8-11/80	44.2	377
9/12-15/80	25.0	165

9/18/80	Completed fuel removal for turnover to contractor for leak repair.
9/23/80	Contractor began work.
1/9/81	Contractor notified ROICC that tank is ready to be returned to service. Began refilling tank for leak test.