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NWS EARLE
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TRANSMITTAL LETTER FOR THE MANUFACTURERS INFORMATION FOR THE LEAK
DETECTORS INSTALLED AT NWS EARLE NJ
9/27/1991
KASELAAN AND D'ANGELO ASSOCIATES, INC.

HILL

September 27, 1991

**Kaselaan & D'Angelo
Associates, Inc.**515 Grove Street
Haddon Heights, NJ 08035
Tel: (609) 547-6500
Fax: (609) 547-6597
A/E/C GENERAL CONTRACTORSDepartment of the Navy
Northern Division
Naval Facilities Engineering Command
Building 77L, Code 1412
U.S. Naval Base
Philadelphia, Pennsylvania 19112-5094Attn: Mr. Brian Helland
Code 1412
Head Hazardous Waste Management SectionRe: 6280
Ser 1302/1412/BJH
U.S. Navy Contract N62472-90-D-1448, Project 4
Installation of Line Leak Detection, Naval Weapons
Station, Earle, Colts Neck, New Jersey

Dear Mr. Helland:

Enclosed please find the manufacturers information for the leak detectors installed at NWS Earle, Colts Neck, New Jersey. These leak detectors were installed at C20/2, C20/3, C20/5, C50/1 and R7/3. One manual for each building/tank is enclosed.

The following information is provided for your use.

1. Leak Detector Installation Instructions.
Red Jacket No. 116-017. Form/Part No. 041-415.
2. Installation, Operation, Service and Repair Parts Manual.
Red Jacket "Extracta" Remote Gasoline Pumps Manual Model Nos. P33R1, P75S1 and P150S1 Manual #077-710 3/85.
3. Installation Instructions and Repair Parts List, Manual
Red Jacket "Big Flo" - High Capacity Gasoline Pumps, Submersible Type
Model Nos. P150H1-1HB, P100H1-1MB, P300H3-2HB.
P200H1-2MB, P200H3-2MB, P500H3-2K, P300H3-1K
Form No. 051-023 10/84



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4. Engineering Report for Leak Detectors
Form 5168 Rev. 4/1/87 and 9/90
this report includes the following topics:
 - I. How the leak detector works
 - II. Opening of the Nozzle
 - III. Air or other resiliency in the system
 - IV. Product leaks
 - V. How to test a leak detector
 - VI. Using the leak detector action to check submersible pump components
 - VII. Checking dispenser components
 - VIII. Diaphragm in leak detector
 - IX. Installing a leak detector in older or competitive brand submersibles
 - X. Leak detector flow limitations
 - XI. Screw on bottom of leak detector
 - XII. Restoring or reopening idle service stations
 - XIII. Thermal contraction
 - XIV. Testing for thermal contraction
 - IV. Multiple pumps on same discharge line
5. Red Jacket "Two-second leak detector" for remote submersible petroleum pumping systems brochure. Form No. 5170.

K&D had contacted both Tank Tech Corp., contractor that supplied and installed the detectors, and Marley Pump Company/Red Jacket Pump, manufacturer, for the information listed above. K&D was informed by these two parties that the enclosed information provides the following required data:

1. Instructions for System Operations
2. Details of System Features
3. Required and Recommended Testing/Maintenance Procedures
4. Manufacturer's Data for the Installed Detectors
5. Operations and Maintenance Manual

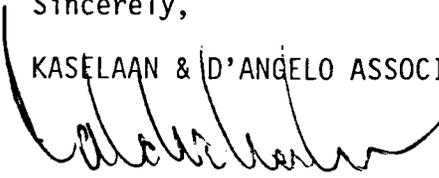
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If you have any questions concerning this matter please contact the undersigned at (609) 547-6500.

Sincerely,

KASELAAN & D'ANGELO ASSOCIATES, INC.



Valdur Kaselaan
Manager, Projects

VK\baw

cc: NWS Earle, Code 096

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