UNITED STATES MARINE CORPS
Marine Corps Base
Camp Lejeune, North Carolina 28542-5001

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BOSM
DEC 07 1987

From: Assistant Chief of Staff, Base Operational Support Management Assistance
To: Edward G. Collins, Base Maintenance Division
Via: (1) Assistant Chief of Staff, Facilities BWa 12/8/87
(2) Base Maintenance Officer

Subj: MODEL INSTALLATION PROGRAM PROPOSAL

Encl: (1) MIP #88-CLNC-022-FAC, Relocation of Pump Controls

1. This office is in receipt of your submission to the Model Installation Program and has assigned it the number identified in the enclosure. The proposal is currently being staffed and processed. You will be notified as soon as a decision has been made.

2. We appreciate your participation in the Model Installation Program and ask for your continued support. Good ideas will make the Camp Lejeune community a better place to work and live.

H. F. SMITH

MODEL INSTALLATION PROGRAM

PROPOSAL

MARINE CORPS BASE
CAMP LEJEUNE

INSTRUCTIONS:
1. COMPLETE ALL INFORMATION REQUESTED.
2. PLEASE PRINT OR TYPE LEGIBLY.
3. USE ADDITIONAL SHEETS IF NECESSARY.
4. FORWARD COMPLETED PROPOSAL TO AC/S, BOSMAD, MCB

DO NOT WRITE IN THIS SPACE

DATE RECEIVED: 2 Dec 87

PROPOSAL NUMBER: 88-CLNC-022-FAC

TITLE OR SUBJECT OF PROPOSAL

RELOCATION OF PUMP CONTROLS

NAME, TITLE, GRADE/RANK, UNIT OF SUBMITTER(S)

EDWARD G. COLLINS, WG-10, INDUST. EQUIPMENT MECH. Wastewater Section, Utilities Branch, Base Maintenance Div.

PHONE: 451-2069

CURRENT PROCEDURE

The pumps for the primary sludge pit at the Tarawa Terrace Sewage Plant are equipped with mechanical seals. The controls for these pumps are located in the same building as the pumps, about 100-125 ft from the pit. The sludge is pumped from the pit to the digestor and needs to be pumped almost completely dry. In doing this, by the time the operator reaches the controls, the pumps have pumped dry which destroys the mechanical seals at a cost of approximately $600 plus labor.

PROPOSED PROCEDURE (If a directive/order must be waived to implement proposal-Identify the specific reference.)

My proposal is to install weatherproof switches at the pit site, completely eliminating the necessity of going into the building to turn the pumps off or on. These switches would give better control for pumping out the pit without worrying about burning out a seal.

BENEFITS/ADVANTAGES

This method would completely eliminate dry running of the pump thus extending the life of the mechanical seals at a considerable savings.

I (WE) UNDERSTAND THAT THE ACCEPTANCE OF A CASH AWARD FOR THE USE OF THIS PROPOSAL BY THE UNITED STATES GOVERNMENT SHALL NOT FORM THE BASIS OF A FURTHER CLAIM OF ANY NATURE UPON THE UNITED STATES BY ME (US), MY (OUR) HEIRS, OR ASSIGNS.

(SIGNATURE AND DATE)

Edward Collins 12-1-87
(SIGNATURE AND DATE)

MODEL INSTALLATION PROPOSAL
MCBCL 11800

Excellent Installations — The Foundation Of Defense

ENCL (1)