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## **NAS NORTH ISLAND - NAVY REGION SOUTHWEST NAVY ENVIRONMENTAL LEADERSHIP PROGRAM**

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### **COMPLIANCE**

### **PROCESS AUDITS**

#### **LEAD ACTIVITY**

Naval Aviation Depot (NADEP) North Island

#### **STATUS**

Complete

#### **MISSION**

Significantly improve the financial performance of the organization by utilizing a highly focused, systematic methodology

#### **REQUIREMENT**

Organization goals cannot be realized by conventional cost cutting measures that support old, existing processing methods and technology. A process is required to identify many process improvements to significantly increase cost effectiveness.

#### **DESCRIPTION**

The purpose of the Process Optimization (PO) audit is to financially and technically audit production steps, identifying process changes that will significantly contribute to lower costs and increased profitability. Typical program goals in these areas include a reduction in overall operating cost, increase in product value and/or plant capacity utilization, and the avoidance of unnecessary capital investment. The organization of a PO audit utilizes the talents of the organization's technical and operating staff, the broad outside experiences of local utility personnel, and the technical/facilitation skills of experienced consultants.

NADEP North Island will be required to handle more work over the next few years. As funding will be limited during this time, a system is required to ensure that existing operating conditions are maintained and that operational costs are kept to a minimum. The process and energy optimization audit was initiated at NADEP in June 1998. The objective of the audit is to identify process and energy solutions to reduce cost at NADEP. The audit teams will identify many Process Improvement/Energy Conservation Opportunities (PI/ECO) that will be screened into Process Improvement/Energy Conservation Projects (PI/ECP). A final report will be submitted to NADEP in January 1999 outlining the results of the audit.

**BENEFITS**

- Process changes that will significantly lower costs and increase profitability are identified
- Innovative, cost effective solutions are provided
- Overall operating costs are reduced
- Product value and/or plant capacity utilization are increased

**ACCOMPLISHMENTS/CURRENT STATUS**

<b>Date</b>	<b>Activity</b>
JUN 1998	Meeting with NADEP management
AUG 1998	Audit Sessions I and II
OCT 1998	Preliminary PI/ECO report submitted to San Diego Gas & Electric (SDG&E)
NOV 1998	Final PI/ECO report submitted to NADEP; Preliminary PI/ECP report submitted to NADEP
APR 1999	Final PI/ECP report to NADEP

**FUTURE PLAN OF ACTION & MILESTONES**

Not Applicable

**COLLABORATION/TECHNOLOGY TRANSFER**

NADEP is coordinating the process audit at NAS North Island with the added expertise of SDG&E staff.

**BIBLIOGRAPHY**

None available

**RELATED GOVERNMENT INTERNET SITES**

None available

**RELATED NAVY GUIDEBOOK REQUIREMENTS**

- 00999 General Program Support

*UPDATED: 01/23/02*