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NAS CECIL FIELD, FL
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SAMPLING AND ANALYSIS OUTLINE FOR BUILDING 816 BASE REALIGNMENT AND
CLOSURE ZONE D INDUSTRIAL AND FLIGHT LINE AREA GROUP 2 NAS CECIL FIELD FL
2/1/1995
ABB ENVIRONMENTAL SERVICES INC

SAMPLING AND ANALYSIS OUTLINE

**BUILDING 816
BASE REALIGNMENT AND CLOSURE
ZONE D, INDUSTRIAL AND FLIGHTLINE AREA
GROUP III**

**NAVAL AIR STATION, NAS CECIL FIELD
JACKSONVILLE, FLORIDA**

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ABB-ES ABB Environmental Services, Inc.
BRAC Base Realignment and Closure
EBS Environmental Baseline Survey
IR Installation Restoration
NAS Naval Air Station
SAO Sampling and Analysis Outline
UST underground storage tank

1.0 SITE DESCRIPTION

This Base Realignment and Closure (BRAC) Phase II Sampling and Analysis Outline (SAO) briefly describes and proposes a recommendation for Building 816, located within the restricted area of the north to south flightline at the Main Base, Naval Air Station (NAS) Cecil Field. Building 816 is referenced in the NAS Cecil Field *Environmental Baseline Survey (EBS)* (ABB Environmental Services, Inc. [ABB-ES], 1994a) as a Motor Generator Building.

Building 816 is located south of Hangar Building 815 (Figure 1) and serves as a power conversion facility for the hangar, which requires a high electrical frequency to perform testing and repair of aircraft electrical components. Building 816 houses the equipment necessary to step the electrical frequency for Building 815 from 60 Hertz to 400 Hertz. The EBS reported that a transformer was historically located at Building 816. An historical underground storage tank (UST) is also associated with the building.

2.0 ENVIRONMENTAL BASELINE SURVEY COLOR DESIGNATION

Building 816 was color-coded Red in the EBS because it is believed to be within the Installation Restoration (IR) Program Site 16 groundwater contamination plume (ABB-ES, in press).

On a site walkover in December 1994, no evidence of contaminant releases was observed. No UST or tank appurtenances were found. Although the EBS Appendix C Underground Storage Tank Inventory lists a UST at Building 816, the NAS Cecil Field *Tank Management Plan* (ABB-ES, in press) reports that a magnetometer survey was performed, but did not locate a UST.

3.0 RECOMMENDATIONS

The BRAC Tank Management Group will verify that the tank has been removed and update the inventory in the *Tank Management Plan* (ABB-ES, in press). It is suggested that re-evaluation of the color code for Building 816 be postponed until the IR Site 16 plume remedial approach is determined.

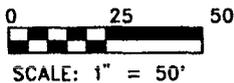


FIGURE 1
BUILDING 816
MOTOR GENERATOR/HERTZ CONVERTER



PHASE II SAMPLING AND ANALYSIS
OUTLINES, GREY SITES

NAS CECIL FIELD
JACKSONVILLE, FLORIDA

4.0 SELECTED REFERENCES

- ABB-ES, 1992a. Contamination Assessment Report, North Fuel Farm, Facility 76, Naval Air Station, Cecil Field, Jacksonville, Florida: prepared for Southern Division, Naval Facilities Engineering Command, May/June 1992.
- ABB-ES, 1992b. Contamination Assessment Report, Day Tank 1, Facility 293, Naval Air Station, Cecil Field, Jacksonville, Florida: prepared for Southern Division, Naval Facilities Engineering Command, July 1992.
- ABB-ES, 1993. Contamination Assessment Report Addendum, Day Tank 1, Facility 293, Naval Air Station, Cecil Field, Jacksonville, Florida: prepared for Southern Division, Naval Facilities Engineering Command, December 1993.
- ABB-ES, 1994a. Base Realignment and Closure Environmental Baseline Survey Report, Naval Air Station, Cecil Field, Jacksonville, Florida: prepared for Southern Division, Naval Facilities Engineering Command, November 1994.
- ABB-ES, 1994ba. Project Operations Plan for Cecil Field and Health and Safety Plan: prepared for Southern Division, Naval Facilities Engineering Command, December 1994.
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- Naval Air Station, 1993. Public Works Department Oil-filled Electrical Distribution Inventory Data Forms, Cecil Field, Jacksonville, Florida: May 1993.
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