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NCBC GULFPORT
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LETTER REGARDING TRANSMITTAL OF POINT PAPER REQUESTED AT 10 JANUARY
1985 MEETING NBC GULFPORT MS
1/18/1985
U S AIR FORCE



DEPARTMENT OF THE AIR FORCE

HEADQUARTERS AIR FORCE ENGINEERING AND SERVICES CENTER
TYNDALL AIR FORCE BASE, FL 32403

JAN 18 1985

REPLY TO
ATTN OF: RDV

SUBJECT: Transmittal of Herbicide Orange Paper

TO: Commander
Naval Construction Battalion Center
Gulfport MS 39501

1. Enclosed is the point paper you requested during Capt Stoddart's 10 Jan 85 briefing on the Herbicide Orange site restoration technology demonstrations. Also enclosed is a copy of our 1984 Herbicide Orange technical report.

2. Should you require additional historical or technical information, please contact Capt Stoddart, AUTOVON 970-2942.

A handwritten signature in black ink, appearing to read "Robert F. Olfenbuttel".

ROBERT F. OLFENBUTTEL, Lt Col, USAF, BSC
Chief, Environics Division

2 Atch
1. Point Paper
2. Technical Report

cc: NCBC Code 400 w/Atch 1
HQ USAF/LEEVF w/Atch 1
HQ USAF/SGES w/Atch 1
USAFOEHL/EC w/Atch 1

POINT PAPER
ON
HISTORICAL PERSPECTIVE ON HERBICIDE ORANGE
CONTAMINATION AT NCBC, GULFPORT MS

BACKGROUND

- Herbicide Orange was used as a tactical defoliant in Southeast Asia (SEA).
- Composition: 50/50 mixture of the Herbicides 2,4-D and 2,4,5-T, plus trace levels of dioxin which resulted from the manufacturing of 2,4,5-T.
- 18 million gallons sprayed in Southeast Asia (1965-1971).
- NCBC used as a transshipment point (1968-1971).
 - Navy/AF sign Interagency Services and Support Agreement (1968).
- Use of Herbicide Orange suspended (1971).
- NCBC used as a storage facility for 0.85 million gallons of Herbicide Orange (1971-1977).
- Johnston Atoll used as a storage facility for 1.25 million gallons (1971-1977).
- All remaining stock of Herbicide Orange is burned on-board the Dutch incinerator ship Vulcanus in mid-Pacific Ocean (1977).
- AF Occupational and Environmental Health Laboratory (USAFOEHL) monitors Herbicide Orange sites (1975-1980).
 - Contaminated soils.
 - Drainage system.
- AF Engineering and Services Center (AFESC) assumes Herbicide Orange program management (1980).
 - AFESC monitors storage site
 - AFESC monitors drainage system
- AFESC validates research requirements and programs R&D funds (1981).
- Deputy Secretary of the AF for Environment and Safety directs AFESC to conduct research targeted at returning Herbicide Orange-contaminated sites to full and beneficial use (1981).
- AFESC receives research funds and initiates site restoration R&D program (1982).
- U.S. Environmental Protection Agency, Region 4 visits NCBC site (1983).
- USAFOEHL assumes a portion of Herbicide Orange program responsibilities (1984).
 - Long term monitoring.
 - Drainage system investigations.
 - Health related issues.

- USAFOEHL contractor investigates NCBC drainage system problems (1984).
- AFESC receives verbal approval from Navy to conduct technology demonstrations at NCBC (Dec 84).
- AFESC Herbicide Orange research program for FY85 at \$5.6 million.

CURRENT STATUS

- AFESC commences comprehensive soil mapping program at NCBC (Jan 85).
 - \$0.7 million allocated for study.
 - Approximately 1,500 samples to be collected.
 - Complete dioxin soil map due to AFESC (Apr 85).
- AFESC scheduled to commence site demonstrations O/A 1 Jun 85.
 - EPA permit to precede demonstration.
 - Maximum time on site is 60 days.
- Navy proposed formal Interagency Services and Support Agreement.
 - AFESC comments due by 25 Jan 85.
- AFESC receives verbal request from Navy to provide Herbicide Orange program briefing to Chief of Naval Engineering (Jan 85).
 - AFESC received no formal request (18 Jan 85).
- AFESC receives verbal request from Navy to aid in preparing information package on Herbicide Orange for distribution to Gulf Coast public officials (17 Jan 85).
- Draft report on NCBC site demonstrations due Dec 85.

Capt Terry Stoddart
HQ AFESC/RDVW
Tyndall AFB FL
18 Jan 85