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NAS WHITING FIELD
5090.3a

PRESENTATION SLIDES FOR TECHNICAL REVIEW COMMITTEE HELD 15 OCTOBER 1997 TO DISCUSS DECISION DOCUMENTS AND CLOSURE REPORTS AT OUTLYING LANDING FIELD BARIN NAS WHITING FIELD FL

10/15/1997

NAVFAC SOUTHERN

TECHNICAL REVIEW COMMITTEE MEETING

Decision Documents and Closure Reports

October 15, 1997

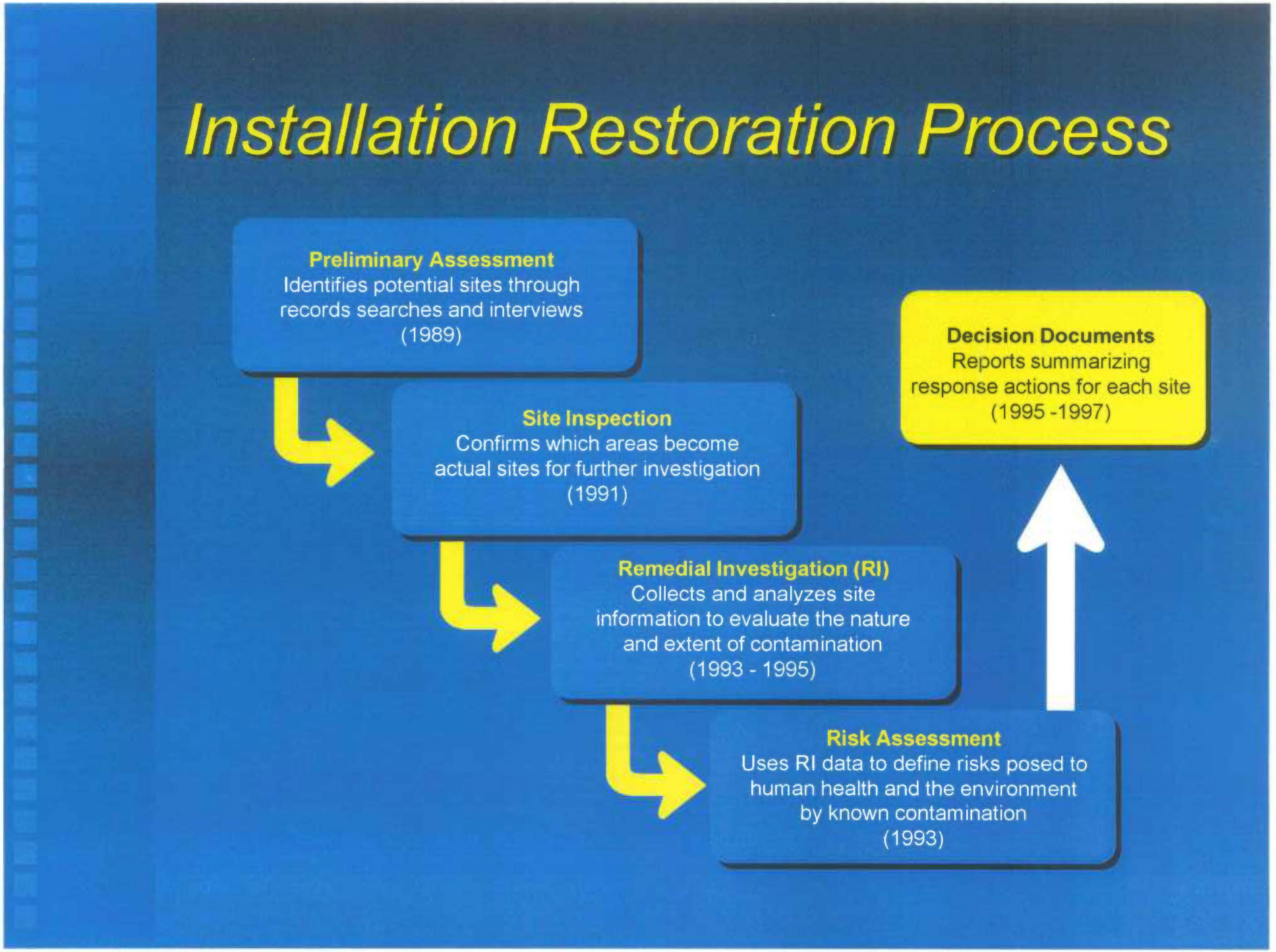
Outlying Landing Field (OLF) Barin

Foley, Alabama

Agenda

- Introduction - Navy
- Site history
  - Kathy Hodak, ABB Environmental Services, Inc. (ABB-ES)
- Summary of decision documents
  - Eric Blomberg, ABB-ES
- Review of closure reports
  - Eric Blomberg, ABB-ES
- Questions, comments, and discussion
- Conclusion and adjournment - Navy

Installation Restoration Process



Site Summary

Site Number	Site Name	Period of Operation	Types of Material(s) Potentially Disposed Of
19B	Former Hangar Maintenance Area	1942 - 1959	Solvents, petroleum oils, fuels and electrolytes
20B	Abandoned Underground Storage Tanks and Fuel Pit Area	1942 - 1952	Aviation gas and jet fuel
21B	Rubble Landfill	1959	Waste debris from dismantled buildings
22B	Old Firefighting Demonstration Area	1942 - 1945	Fuels, petroleum oils, and solvents
23B	Drainage Ditch Leading to Sandy Creek	1942 - 1959	Fuels and kerosene
24B	Former Firefighting Training Area	1989 - 1991	Diesel fuel
25B	Machine Gun Butt Area	Mid 1940s - Mid 1960s	Ammunition casing; lead and copper
26B	Abandoned Wastewater Treatment Plant	1942 - 1959	Sewage and chemicals
27B	Uncontrolled Dump Site	Unknown	Civilian household waste
28B	Fuel Pit Drainage Ditch	Mid 1940s to Present	Aviation gas and jet fuel

Summary of Remedial Decisions

Site Number	Decision	Status
19B	No Further Action	• Approved by ADEM • Removed USTs and contaminated soil, at wash racks
20B	No Further Action	• Approved by ADEM • Abandoned fuel lines, fuel pits and lube oil tanks in place
21B	No Further Action	• Approved by ADEM
22B	No Further Action	• Approval by ADEM pending
23B	No Further Action	• Approved by ADEM
24B	No Further Action	• Approved by ADEM • Removed contaminated soil
25B	No Further Action	• Approved by ADEM
26B	No Further Action	• Approved by ADEM
27B	No Further Action	• Approved by ADEM
28B	No Further Action	• Approved by ADEM

Site 19B Closure

- **USTs**
  - removed six USTs from the east and west wash racks
- **Soil**
  - petroleum-contaminated soil (902 tons) was excavated and disposed of off-site at an approved landfill
  - samples were collected and met State soil cleanup goals
- **Liquid**
  - petroleum-related liquid (9,000 gallons) was removed from the USTs and disposed of off-site at an approved facility
- **Groundwater**
  - samples were collected and met all State and Federal drinking water standards

Site 19B

Soil removal at site 19B.

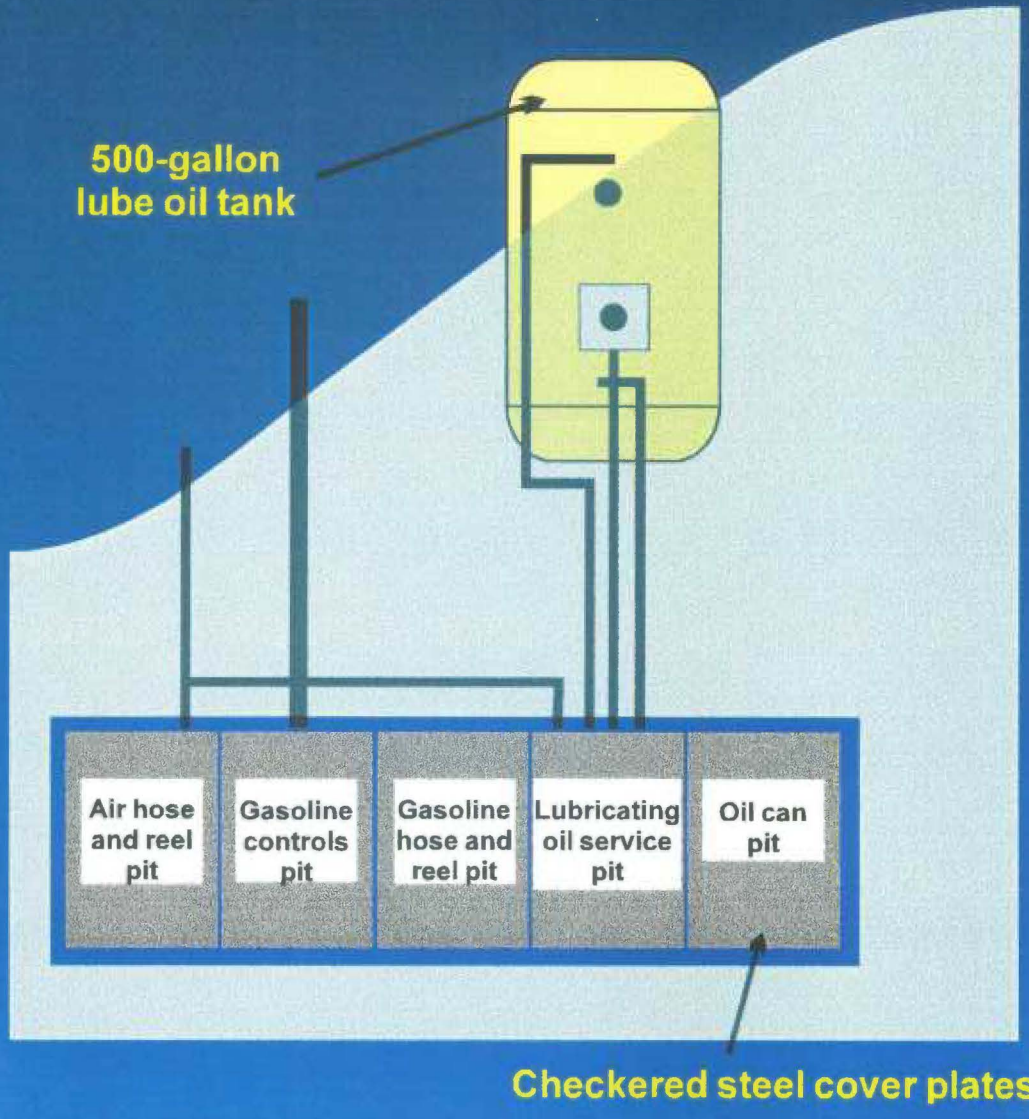
Site 20B Closure

- **USTs**
  - residual oily liquids pumped out, 30 USTs cleaned and abandoned in place
- **Fueling pits**
  - soil excavated, fuel pits cleaned and filled with clean soil
- **Fuel lines**
  - an estimated 1.7 miles of fuel lines were flushed, cleaned, and abandoned in place

Site 20B

Fuel pit cleanup at site 20B.

Fueling Pit and Fuel Oil Tank



Site 20B Closure (continued)

- **Groundwater**
  - sample analyses showed State and Federal drinking water standards for thallium and selenium were not met
    - thallium and selenium are naturally occurring elements in soil and believed to be unrelated to the site
  - a human health risk assessment was conducted; results were within acceptable ranges established by USEPA
  - groundwater at the site is not currently used for drinking water

Site 20B Closure (continued)

- **Soil**
  - a total of 169 tons of petroleum-contaminated soil was disposed of off-site at an approved landfill
  - samples were collected and met all State and Federal soil cleanup goals
- **Liquid**
  - a total of 26,600 gallons of petroleum-related liquids was disposed of off-site at an approved facility

Site 24B Closure

- **Soil**
  - a total of 293 tons of petroleum-contaminated soil was excavated and disposed of off-site at an approved landfill
  - samples were collected and met all State and Federal soil cleanup goals

Site 24B

Soil and burn pit liner removal at Site 24B.

Questions, comments, and discussion

Conclusion and adjournment