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NEWS RELEASE FROM U S AIR FORCE REGARDING FULL SCALE FIELD TRIAL FOR
ROTARY KILN INCINERATOR NCBC GULFPORT MS
11/25/1987
U S AIR FORCE



United States Air Force

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News Release

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FIELD TRIAL BEGINS

HQ AFESC, TYNDALL AFB, FL — The full-scale field trial of the ENSCO rotary-kiln incinerator at the Naval Construction Battalion Center began operation November 25.

The unit was initially tested in May 1987 to determine the destruction and removal efficiency (DRE) of the unit using chemical substitutes instead of "Dioxin" as part of a continuing Air Force Engineering research and development program designed to develop or identify technologies in support of the Department of Defense Installation Restoration Program. Test results were presented to the U.S. Environmental Protection Agency, Region IV, in Atlanta, on July 23. They gave final approval for the field trial on November 23.

The test demonstrated that the incinerator was able to exceed the EPA requirement of 99.9999 percent or greater DRE and indicated that the unit is capable of removing contaminants from the soil to levels not detected at one-part-per-trillion, while operating at a feed rate of 5.3 tons per hour.

Following start-up, the incinerator will process up to 11,000 cubic yards of contaminated soil and debris. During the field trial, a continuous, comprehensive monitoring program will be conducted to ensure the

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environmentally safe operation of the incinerator. Frequent inspections of the operation will be conducted by EPA (Region IV) and the Mississippi Bureau of Pollution Control.

The incinerator was delivered to the Naval Construction Battalion Center September 17. After soil treatment is completed, the unit will be cleaned and removed from the NCBC site.

The project is sponsored by the Air Force Engineering and Services Center, Environment Laboratory at Tyndall AFB, Fla.