

**THE USDOE ANNOUNCES THE AVAILABILITY
FOR PUBLIC REVIEW OF THE ENGINEERING
EVALUATION/COST ANALYSIS FOR THE SOUTH
PLUME REMOVAL ACTION AT DOE'S FMPC AT
FERNALD, OH**

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DOE-FMPC/PUBLIC

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NOTICE

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THE UNITED STATES DEPARTMENT OF
ENERGY ANNOUNCES THE AVAILABILITY FOR PUBLIC REVIEW
OF THE ENGINEERING EVALUATION/COST ANALYSIS
FOR THE SOUTH PLUME REMOVAL ACTION
AT THE DOE'S FEED MATERIALS PRODUCTION CENTER
AT FERNALD, OHIO

The U. S. Department of Energy (DOE) announces that the **Engineering Evaluation/Cost Analysis (EE/CA)** for the South Plume Removal Action at the DOE's Feed Materials Production Center at Fernald, Ohio **IS AVAILABLE FOR PUBLIC REVIEW**. The South Plume Removal Action is being developed by the DOE and the U.S. Environmental Protection Agency to prevent, minimize, or mitigate the threat to public health or welfare or the environment by commencing appropriate action without undue delay.

The EE/CA for the South Plume Removal Action has been prepared to analyze removal action alternatives and to support the selection of a preferred alternative. Data indicates the presence of radionuclides and inorganic metals in the groundwater south of the FMPC. None of the radionuclides or metals exceed established or derived drinking water limits with the exception of uranium. Uranium has been designated as the contaminant of concern for the South Plume Removal Action. In the case of the south plume, exposure to the contaminants can occur only if the groundwater reaches the ground surface.

The scope of the removal action can be broadly defined as management of radioactively contaminated groundwater in an off-site area south of the FMPC.

The fundamental objective of the removal action is to protect public health by limiting access to and use of groundwater with uranium concentrations exceeding the derived concentration limit.

Secondary objectives for the removal action include: protection of the groundwater environment, mitigation of the source of groundwater contamination, and control of plume migration to additional receptors further south.

The following alternatives have been selected for evaluation in the South Plume EE/CA: 1) no action; 2) groundwater monitoring and institutional controls; 3) groundwater monitoring, institutional controls, and alternate water supply; and 4) groundwater pumping without treatment, alternate water supply, groundwater monitoring, and institutional controls. Each of these alternatives was evaluated based on the criteria of: effectiveness, implementability, and cost, and are presented in the EE/CA.

The Administrative Record file includes documentation relative to the decision for selecting and implementing the South Plume Removal Action. These documents may include, but are not limited to, sampling data, comments, new data submitted by interested persons, and DOE responses to significant public comments.

Both the Engineering Evaluation/Cost Analysis (EE/CA) and the Administrative Record file are available at the following locations and times:

Feed Materials Production Center
Administration Building
Administrative Record Reading Room
7400 Willey Road
Fernald, OH 45239
Hours:
Monday - Friday, 7:30 - 4:00

EFFECTIVE AUGUST 6, 1990:

Public Environmental Information Center
JAMTEK Building
10845 Hamilton-Cleves Highway
Fernald, Ohio 45239
Hours:
Monday & Thursday
9:00am - 8:00pm
Tuesday, Wednesday, & Friday
9:00am - 4:30pm
Saturday
9:00am - 1:00pm