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Formerly Utilized Sites Remedial Action Program (FUSRAP)

ADMINISTRATIVE RECORD

for Maywood, New Jersey



U.S. Department of Energy



Department of Energy

Oak Ridge Field Office
P.O. Box 2001
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NOV 18 1992

To Distribution

MAYWOOD INTERIM STORAGE SITE 1991 ENVIRONMENTAL MONITORING RESULTS

The purpose of this letter is to announce the availability of the annual environmental monitoring report for the Maywood Interim Storage Site (MISS) located in Maywood, New Jersey. This site is managed by the United States Department of Energy (DOE) for the temporary storage of radioactively contaminated soils.

For the past six years, DOE has distributed copies of this report (approximately 150 pages) to a large number of Maywood area residents. This year, as a conservation effort, I am only transmitting summary information about the monitoring program. The full report has been sent to all county, state, and federal agencies providing oversight at the site. Complete copies of the report are available upon request.

Environmental monitoring activities conducted at MISS during the 1991 calendar year included sampling and analysis of ground water, surface water, air, and sediment samples for various radiological and chemical parameters. The MISS Environmental Annual Report identifies all sampling locations, monitoring parameters, and associated analytical results in addition to providing general information about the site.

Results from this year's environmental monitoring efforts are generally consistent with results from previous years. With one exception, all radiological measurements made in the monitored media yielded results below DOE guidelines. Thoron had an annual average concentration in air above the DOE suggested guideline at one sampling location. However, these thoron levels do not pose a threat to the public due to its short half-life (56 seconds), its tendency to quickly diffuse in air, and because access is restricted to this area by security fences.

Contained within the annual site environmental monitoring report are estimates of the potential exposures to members of the public from radioactive material present at the site. Based on site monitoring data, meteorological data, and local land usage, the report concludes that potential human exposures are well below protection guidelines established by the National Council on Radiation Protection and DOE. The predicted potential human exposures are less than two percent of the dose that all of us receive from naturally occurring sources present in our environment such as sunlight, natural soils, and bedrock.

Anyone interested in receiving more detailed information on the MISS environmental monitoring program (including copies of the annual site report) is encouraged to call or write the DOE Public Information Center, 43 West Pleasant Avenue, Maywood, New Jersey, 07607 (201 843-7466). DOE's toll-free information number is 1-800-253-9759. The complete title of the report is Maywood Interim Storage Site Annual Environmental Report For Calendar Year 1991.

As always, I am available to discuss the monitoring program, or any other element of DOE's cleanup activities in Maywood, New Jersey that you may care to discuss.

Sincerely,



Susan M. Cange, Site Manager
Former Sites Restoration Division