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Formerly Utilized Sites Remedial Action Program (FUSRAP)

ADMINISTRATIVE RECORD

for Maywood, New Jersey



U.S. Department of Energy



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96-21

Department of Energy

Oak Ridge Operations
P.O. Box 2001
Oak Ridge, Tennessee 37831

MAY 07 1996

Ms. Angela Carpenter, Project Manager
Federal Facilities Section
U. S. Environmental Protection Agency
Region II
290 Broadway
18th Floor
New York, New York 10007-1866

Dear Ms. Carpenter:

MAYWOOD SITE - TRANSMITTAL OF CALCULATION RESULTS FOR NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAPs)

Enclosed for your information are the results of radionuclide emission calculations performed by the U. S. Department of Energy (DOE) in preparation for soil drying, staging, and loading activities at the Maywood Interim Storage Site during the spring and summer of 1996. Two calculations were performed: one for the landfarming of the wet soil at the Maywood Interim Storage Site (MISS), and one for the staging and loading of dry soil at MISS.

The properties that are scheduled for remediation in the spring and summer 1996 are 7 Branca Court; 11 Redstone Road; 16, 18, 20, 22, 24, and 26 Long Valley Road; the I-80 right-of-way; and possibly Lodi Park. The calculated dose for soil staging and loading activities is 0.0002 mrem. The calculated dose for soil drying activities is 0.036. The total calculated dose to an individual assumed to be present, at all times, 50 meters from these activities is 0.0362 mrem.

Both calculations represent a maximum exposure scenario in terms of soil volume and duration of activities. These calculations do not assume the application of engineering controls. Actual radionuclide concentration and duration of activities is anticipated to be much less. Continuous air samplers will be employed at perimeter locations during MISS activities. Engineering controls such as dust suppression and erosion control will in be effect.

If you have any questions or need further information, please contact me at (423) 576-5724.

Sincerely,

Susan M. Cange, Site Manger
Former Sites Restoration Division

Enclosures

cc: Paul Giardina, EPA II
Nick Marton, NJDEP