

M-195
090575 01

Formerly Utilized Sites Remedial Action Program (FUSRAP)

ADMINISTRATIVE RECORD

for Maywood, New Jersey



U.S. Department of Energy



090575

92-449

Department of Energy

Field Office, Oak Ridge
P.O. Box 2001
Oak Ridge, Tennessee 37831-8723

June 12, 1992

Mr. Jeffrey Gratz, Project Manager
Federal Facilities Section
U.S. Environmental Protection Agency, Region II
Jacob K. Javits Federal Building
26 Federal Plaza
New York, New York 10278

Dear Mr. Gratz:

EVALUATION OF INDOOR RADON CONCENTRATIONS IN THE MAYWOOD SITE RESIDENTIAL VICINITY PROPERTIES

The purpose of this letter is to confirm our telephone conversation the week of May 4, 1992, when we discussed, with Mendy Pensak, the evaluation of indoor radon concentrations in residential vicinity properties at the Maywood site. As we agreed, efforts are underway to evaluate projected indoor radon concentrations, in homes in the Maywood area, as a function of the radium-226 concentration in soils detected during the RI.

The RESRAD (version 4.0) model, developed primarily for use as a predictive dose model for determining allowable concentrations of residual radioactive material in soil after remediation, will be used for this evaluation. This model will be run selecting parameters, including representative soil porosity and radium concentrations, to duplicate actual site conditions.

It is anticipated that a preliminary evaluation will be completed by early July 1992. Based on the results of the modeling effort we will make a recommendation to you as to whether we should pursue radon monitoring in appropriate residential vicinity properties.

If you have any questions on this strategy, please call me at (615) 576-5724.

Sincerely,

Susan M. Cange, Site Manager
Former Sites Restoration Division

EW-93