

138459  
17-516

---

Formerly Utilized Sites Remedial Action Program (FUSRAP)

---

# ADMINISTRATIVE RECORD

for Maywood, New Jersey

---



U.S. Department of Energy

Nov 20 8:28 AM '95

NOV 22 1995

Ms. Heather Vitz-DelRio, P.E.  
Principal Engineer  
Township of Wayne  
475 Valley Road  
Wayne, New Jersey 07470-3586

Dear Ms. Vitz-DelRio:

Thank you for your letter of November 10, 1995 in which you questioned the cleanup criteria established for the W.R. Grace/Wayne Site. During the Environmental Management Advisory Board meeting of the FUSRAP Committee, the Committee questioned that the standards established for the Wayne (and Maywood) site are more stringent than those found in 40 CFR 192 (the "5/15 pCi/g" standard).

The Committee repeatedly pointed out that the 5/15 criteria was selected in part on the basis of limiting exposure to radon-222. This gas is a decay product of radium-226, which although a contaminant present at the W.R. Grace/Wayne Site, occurs in concentrations significantly lower than thorium-232. Thus, the Committee did not see the rationale for lower concentration values at the Wayne (and also Maywood) site.

The Environmental Protection Agency (EPA) has not applied stricter guidelines elsewhere. Please note however, that cleanup levels at the site are tied to land use assumptions. If the property is to be released for residential use then the resolution of dispute between EPA and the Department of Energy (DOE) requires remediation to 5 pCi/g. This is the same as other sites in New Jersey which are predominantly residential or where future land use is believed to be residential. If, however, land use is to be restricted to a non-residential use the cleanup level would be 15 pCi/g with an "as low as reasonably achievable" goal of 5 pCi/g. DOE and EPA evaluated this level and determined that under a commercial or transient use scenario this would be protective of human health and the environment.

Should you wish further information please feel free to contact me at (212) 637-4433.

Sincerely,

Angela Carpenter, Project Manager  
Federal Facilities Section

cc: J. Japp, DOE ✓  
N. Marton, NJDEP