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WM42/GG/85/09/03

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John G. Themelis, Project Manager
 Uranium Mill Tailings Project Office
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 PDR
 Region I

Dear Mr. Themelis:

As you know, DOE and NRC staffs met in Washington, D.C. on August 20, 1985 to discuss concerns raised by NRC staff during a site visitation to Canonsburg, PA in mid-May. Only two items remained open after that meeting:

1. Handling and disposition of the chronic waste material.
2. The documentation of which soil material would be used for radon cover in Area B.

In addition to this, DOE staff mentioned contaminated material around five utility poles which may be excluded from disposal in the encapsulation cell. DOE staff indicated that the volume of material was limited and that alternate disposal areas were being investigated.

As a result of our meeting discussion, the following should satisfy our concerns:

1. A chronological summary of events associated with the discovery, sampling and disposal associated with chromium-contaminated liquid and solid (soil) wastes including:
 - a) Sampling procedures, grid maps and associated sample values.
 - b) The procedure for handling liquid pumped to the treatment holding ponds (i.e., recycling of liquids, disposal of residues).
2. Description of soil material to be used to cover the contaminated lens in Area B - This should discuss the appropriate radon attenuation parameters associated with this candidate material.

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3. Request for modifications of the RAP to exclude contaminated material around five utility poles from disposal into the encapsulation cell - This proposal should provide justification and a complete description of volumes, contamination levels, expected disposal location and any revisions to the design, as previously concurred in by the NRC.

Should you have any questions, contact Mr. W.A. Nixon (FTS 427-4510).

Sincerely,

Original signed by:
W. T. Crow

W.T. Crow, Chief
Uranium Fuel Licensing Branch
Division of Fuel Cycle and Material
Safety
Office of Nuclear Material Safety
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