

SEP 3 1982

Docket No. 30-12023
CAL No. 82-23

License No. 37-16998-01

Consolidated Coal Company
ATTN: Donald M. Self
Manager, Exploration
6451 Pleasant Street, 2nd Floor
Library, Pennsylvania 15129

Gentlemen:

This refers to the telephone conversation between yourself and J. Kinneman of my staff on September 2, 1982, concerning the apparent rupture of an americium-241 well logging source at your drilling site near Jollytown, Pennsylvania.

With regard to the matters discussed, we understand that you have undertaken or will undertake and complete the following actions:

1. Immediately engage the services of a radiological health consultant qualified to deal with americium-241 contamination.
2. Control access to the two drilling sites where your staff and our inspector have identified radioactive contamination to prevent the removal or spread of radioactive material.
3. Survey all persons and equipment that have left these sites since August 27, 1982, to determine that they are not contaminated with radioactive materials in excess of limits specified in the enclosure to this letter, "Guidelines for Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use or Termination of Licenses for Byproduct, Source, or Special Nuclear Material, July 1982." Decontaminate and/or control access to any locations or items contaminated in excess of these limits. These surveys will be completed by September 4, 1982.
4. Conduct a thorough radiological survey of both drilling sites to assess the extent of radioactive contamination on the equipment and in the soil. This survey must be adequate to detect the levels of contamination specified in the enclosure to this letter. The enclosed "Guidelines" do not address detection levels for contamination in soil. However, for the sites to be released for unrestricted use, the soil must contain less than 30 picocuries of americium-241 per gram of soil. Your survey must, therefore, be capable of detecting this concentration of americium-241. Inform this office of your schedule for completing this survey by September 7, 1982.

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- 5. Prepare a plan for decontamination of the sites and equipment. The objective will be to reduce radioactive contamination below the levels stated in the enclosure to this letter and in item 4 above. The plan will include comprehensive procedures for protection of workers and the public from exposure to radiation and radioactive materials in accordance with 10 CFR 20. The plan will also include a proposed method of packaging and storing contaminated waste produced by the decontamination activities and will include a schedule for completing the decontamination. Inform this office of the schedule for completing the plan by September 10, 1982.
- 6. Submit the plan to this office for review and approval.

If our understanding of your planned actions described above is not in accordance with your actual plans and actions being implemented, please notify this office by telephone within 24 hours of your receipt of this letter.

The response directed by this letter is not subject to the clearance procedures of the Office of Management and Budget, as required by the Paperwork Reduction Act of 1980, PL 96-511.

Your cooperation with us in this matter is appreciated.

Sincerely,

for James H. Joyner
 Thomas T. Martin, Director
 Division of Engineering and
 Technical Programs

Enclosure: Guidelines for Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use or Termination of Licenses for Byproduct, Source, or Special Nuclear Material, July 1982

cc w/encl:
Public Document Room (PDR)
National Technical Information Center (NTIC)
Commonwealth of Pennsylvania

bcc w/encl:
Region I Docket Room (w/concurrences)
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G. Smith
K. Abraham

bcc w/o encl:
L. Higginbotham, IE
V. Miller, NMSS
J. Lieberman, IE

for
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 Nicolosi:hh
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for
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 Kinneman
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for
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 Joyner
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for
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 Martin
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for
 RI/DRA
 Allan
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