

1661

CONTROL OF RADIOACTIVE CONTAMINATION

06/29/90

DOE-1287-90
DOE-FSO/WMCO
2
LETTER



Department of Energy

1661

FMPC Site Office
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6319

June 20, 1990
DOE-1287-90

Mr. W. H. Britton, President
Westinghouse Materials Company
of Ohio
P.O. Box 398704
Cincinnati, Ohio 45239-8704

Dear Mr. Britton:

CONTROL OF RADIOACTIVE CONTAMINATION

Per the attached request from the Secretary of Energy, please provide the following information on the control of radioactive contamination at the FMPC.

- 1) Steps being taken or planned to minimize (as low as reasonably achievable) both the size and quantity of controlled access radioactively contaminated areas, excluding those areas previously addressed in the 5-year plan and associated site specific plans.
- 2) The corrective actions needed to avoid the inadvertent removal of radioactive contamination from controlled areas and the overall site.
- 3) A review of radiation contamination control procedures currently in place for monitoring ingress and egress from controlled areas. You shall certify in your report as to the adequacy of existing controls, including your determination of conformance to DOE Orders 5480.11 and 5400.5, as appropriate. If you cannot so certify at this time, you shall demonstrate conformance as covered in the Implementation Plan for 5480.11.

For items 1 and 2, include detailed schedules for their implementation, which you plan or recommend to reach the objectives of minimizing areas of radioactive contamination, assuring effective controls at the boundaries of such areas, and avoiding the spread of any contamination offsite.

1661

Please submit the information in the format detailed in Enclosure 1 by June 25, 1990. If your staff has any questions, please ask them to call Jay Jalovec, of my staff, at extension 6008.

Sincerely,

Ray Hansen for

Gerald W. Westerbeck
FMPC Site Manager

DP-84:Jalovec

Enclosures: As stated .

cc w/encl.:

S. L. Hinnefeld, WMCO

OUTLINE FORMAT
SITE NAME

Brief description of the site and major types of radioactive materials or operations (3 to 5 lines at most).

1. AREA REDUCTION ACTIONS

Describe the steps being taken or planned to minimize (as low as reasonably achievable) both the size and quantity of Contamination Areas, excluding those areas previously addressed in the DOE Environmental Restoration and Waste Management five-year plan (the Duffy Report) and associated site specific plans. (One paragraph of 8-10 lines)

2. NEAR-TERM CORRECTIVE ACTIONS

Describe the corrective actions already taken or planned to be taken as near-term compensatory measures to avoid the inadvertent removal of radioactive contamination from Contamination Areas and the overall site until such time as full contamination from Contamination Areas and the overall site until such time as full compliance upgrades are operational. (Bulletized answers of major items should include vehicles, personnel in personal clothing, surveillance of personnel and equipment exiting contamination areas and the site, as well as site surveys; maximum of 3/4 of one page.)

3. FULL COMPLIANCE ACTIONS

Describe the contamination control procedures currently in place for ingress to and egress from Contamination Areas and the site. Describe the adequacy of existing controls and state the conformance to DOE Order 5480.11 and 5400.5, as appropriate (you may need to reference results of compensatory actions). If you cannot certify adequate contamination control at this time, explain how conformance will be achieved by the actions you have planned, as contained in your Implementation Plan for 5480.11 or as planned to be included in your Implementation Plan. (About 1/2 to 3/4 of one page.)

Include detailed schedules for implementation of planned or recommended actions to reach the objectives outlined in the request. Indicate if budgetary constraints could impact schedules.

The maximum length for each part is shown above. It is recommended that the total response be one page in length. Since this may be difficult to achieve, more space can be used but is not to exceed two pages in length.

393

[Redacted] 1661 [Redacted]

05/14/90

08:55

GARRETT OP. .TH.

NO. 005

004



*For review
earlier*

To: Rod Nelson - ucron

The Secretary of Energy
Washington, DC 20585

Received
Office of the Manager
JUN 11 1990

June 6, 1990

MEMORANDUM FOR MANAGERS, OPERATIONS OFFICES

SUBJECT: Control of Radioactive Contamination

Recently there have been instances at Department of Energy (DOE) sites where radioactive contamination has been spread beyond site boundaries by DOE contractor employees. This has resulted in the spread of contamination in at least three cases to employees' homes.

Although the level of radioactivity in these instances was very low and there has been no health hazard to those involved or to the general public, I nonetheless view these instances with considerable concern. It is apparent that controls at the sites involved were not adequate to contain the spread of radioactivity.

This, of course, is not a new problem at Department facilities. Prior Technical Safety Appraisals, Tiger Team surveys and other independent reviews have revealed problems in the control and containment of radioactive contamination. Although I am aware through reports from the field that efforts are being made to correct this situation, I would like assurance that we are making sufficient progress toward such correction. I want to see real improvement with the objective of minimizing areas of radioactive contamination, assuring effective controls are in place for ingress and egress from such areas, and, most important, of avoiding the spread of contamination offsite. In this regard, provide a report within 30 days to me with a copy to the Assistant Secretary for Environment, Safety and Health, and to cognizant Assistant Secretaries and Program Senior Officials, containing the following for each of your operating contractors:

1. Steps being taken or planned to minimize (as low as reasonably achievable) both the size and quantity of controlled access radioactively contaminated areas, excluding those areas previously addressed in the 5-year plan and associated site specific plans.
2. The corrective actions needed to avoid the inadvertent removal of radioactive contamination from controlled areas and the overall site.

05/14/80

09:55

BARRETT CP. IN.

NO. 005

005

2

3. A review of radiation contamination control procedures currently in place for monitoring ingress and egress from controlled areas. You shall certify in your report as to the adequacy of existing controls, including your determination of conformance to DOE Orders 5480.11 and 5400.5, as appropriate. If you cannot so certify at this time, you shall demonstrate conformance is covered under an Implementation Plan for 5480.11.

For items 1 and 2, include detailed schedules for their implementation, which you plan or recommend to reach my objectives of minimizing areas of radioactive contamination, assuring effective controls at the boundaries of such areas, and avoiding the spread of any contamination offsite.

James D. Watkins
James D. Watkins
Admiral, U.S. Navy (Retired)

cc:
S-2
S-3
DP-1
NE-1
EH-1
NS-1
EM-1
ER-1
NP-1
RW-1
PR-1
NE-60 (information only)