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REPOSITORY OAK RIDGE OPERATIONS OFFICE (ORD)

COLLECTION ENERGY PROGRAMS DIVISION (ER-11)

BOX No. ACTIVE RECORDS GATHERED FOR HUMAN RADIATION EXPERIMENTS PROJECT

FOLDER _____

Dr. Alvin W. Trivelpiece, Director
 Oak Ridge National Laboratory
 Martin Marietta Energy Systems, Inc.
 Post Office Box 2008
 Oak Ridge, Tennessee 37831-6255

Dear Dr. Trivelpiece:

ORNL REPORT NO. 6591 ENTITLED "DOSES TO RAILROAD WORKERS EXPOSED TO SHIPMENTS OF HIGH-LEVEL RADIOACTIVE WASTE"

DOE-Headquarters has reviewed the latest draft (March 20, 1990) of the subject report and requested that this draft be finalized, printed, and distributed per the previously-reviewed distribution list as soon as possible. Also, an additional 15-20 copies of the final report should be forwarded to the Transportation Division (EM-51) for use in the Transportation Information and Communications Resource Center (TIC-RC).

Funds were previously provided for the preparation, printing, and distribution of the report. If any problems develop in the remaining work to be accomplished, please contact Rick Collier of my staff at 576-0639.

Sincerely,

Original Signed By
 J. A. Reafsnnyder

James A. Reafsnnyder
 Deputy Assistant Manager for
 Energy Research and Development

ER-114:Collier

cc:
 Connor L. Matthews, ER-114
 Larry Blalock, DP-85
 David Fields, ORNL
 Barry Bervan, ORNL

ER-114 Collier Rick (rep. 6591) Mar. 16 3666

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 FILE CODE 54866

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United States Government

Department of Energy

Oak Ridge Operations

memorandum

DATE: April 9, 1990

REPLY TO:
ATTN OF: DP-85:Blalock

SUBJECT: "DOSES TO RAILROAD WORKERS EXPOSED TO SHIPMENTS OF HIGH-LEVEL RADIOACTIVE WASTE", ORNL-6591

TO: R. N. Collier, Program Manager, Laboratory Operations Branch, ER-114

Attached for your information and action is a copy of a Headquarters memorandum referencing above subject. Getting to this point, where we are ready to publish and distribute, has been a long time coming. Mr. David Fields (4-5435) has the report master and is ready to print and distribute.

Please arrange for Oak Ridge National Laboratory (ORNL) to print and distribute this report in accordance with previous guidance from W. D. Adams (then WEEM) to Barry A. Berven, ORNL Health and Safety (6-2100).

If you have any questions, please call me at 6-0945.


Larry Blalock
Traffic Manager

Attachment

cc w/attachments:
M. M. Heiskell, DP-85, K-1423-F/OR
W. D. Adams, EW-90, FB/OR
R. R. Rawl, MS-6273, Bldg. 4500-N, ORNL

cc w/o attachments:
R. F. Garrison, EM-51, HQ

1021777

90 2169

memorandum

DATE: April 4, 1990
 REPLY TO
 ATTN OF: EM-51
 SUBJECT: "Doses to Railroad Workers Exposed to Shipments of High-Level Radioactive Waste," ORNL-6591
 TO: Larry Blalock, CR

We have reviewed the March 20, 1990, version of the report which was forwarded by your March 28, 1990, memorandum. It is well written and contains information readily usable by DOE and the railroads.

Please make arrangements to print and distribute the report per the previously-reviewed distribution list ASAP.

An additional 15 or 20 copies should be forwarded to Transportation Management Division (EM-51) for use in the Transportation Information and Communications Resource Center (TIC-RC). Thanks.



Roy F. Garrison, Manager
 Transportation Operations
 and Traffic
 Transportation Management Division
 Office of Technology Development

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FILE CODE

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1021778



Oak Ridge Operations

K-25 Site Office

To: Dick Egli

1/16/90

ORNL PERFORMANCE PROBLEM, (REVIEW OF RAILROAD WORKERS)
JUST A "HEADS-UP"

I'll get in touch with Rick Collier to see if he can help us get out of this mess. We've had lots of folks involved, firing off various levels of artillery for the last 2 years - the "boil needs lancing"

Thanks
Marianne Heiskell

cc: Rick Collier
Larry Blalock

1/21/90

1/22 AL TRIVERPIECE
YOUR PROMPT ATTENTION
TO THIS MATTER IS
NEEDED. EG

1021779

memorandum

DATE: December 4, 1989

REPLY TO
ATTN OF: EM-51

SUBJECT: Review of Doses to Railroad Workers Report (ORNL-6591)

TO: William D. Adams, OR

I'm very disappointed in what was to be the "final" revision to ORNL-6591, "Doses to Railroad Workers Exposed to Shipments of High-Level Radioactive Waste." This document was billed as having gone through an extensive Oak Ridge National Laboratory (ORNL) review, including technical editing. The draft dated October 1989, is still filled with errors.

The inaccuracies that need to be corrected include mischaracterization of Navy shipments and Northern States power shipments as "DOE shipments;" CFR citations as "Federal Register;" lack of any definition or example for "major repair," and time and dose designations for "minor repairs."

There are other areas of the report containing statements that conflict with other statements within the report, e.g., "we do not consider uranium hexafluoride..." and "we also will not include Naval reactor spent fuel..." both of which are later discussed in the report.

These and several other appended comments (see my previous letter, dated July 20, 1989) which had been given to the authors before, reflect a need for modification of this report again. This effort has been consistently discouraging. We still don't have an accurate and unambiguous product from ORNL.

Since more than 2 and 1/2 years have elapsed since the first drafts of this document, your prompt action is required to ensure ORNL modifies its latest effort.

Please contact Roy Garrison if you require further clarification of our needs.



Lawrence H. Harmon, Director
Transportation Management Division
Office of Technology Development

Attachments

cc:
W. Bibb, OR
M. Heiskell, OR
L. Blalock, OR
D. Fields, ORNL
W. Cottrell, ORNL
J. Cece, S³

1021780

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K-25 SITE OFFICE

LOG NO. 894868FILE CODE 54866

July 20, 1989

DP-121

Finalizing ORNL-6406, Doses to Railroad Workers

W. A. Adams, OR

Perhaps you are already aware of the problems OR and the Transportation Management Division (DP-121) have encountered in completing an acceptable, professionally written report. The report is now, and has been, extremely important to maintaining a positive relationship with the railroad industry. That information was conveyed to OR and the ORNL staff when the work was assigned more than 2 years ago.

In addition to needing an acceptable final draft of the report within the next month, there are two specific areas I'm asking you to resolve:

1. I'm disturbed about the Berven to Blalock letter of June 30, 1989. The attitude exhibited in the third paragraph is typical of what we have been experiencing throughout the effort with ORNL. We have no intention of compromising the integrity of the authors or their data; but we, as the sponsors, should have some say as to the organization and makeup of the report. We believe the authors have been negligent by not including comments obtained through peer review and issuing an incomplete report not meeting important client needs. In fact, that's the basis for our second area of concern.
2. The ORNL Transportation Technologies Group, within the Engineering Coordination and Analysis Section, provided rather substantive comments through the Office of Civilian Radioactive Waste Management. These comments were not included and should have been. The rewritten version prepared by Headquarters personnel included most of the ORNL Transportation Technologies Group comments as well as comments of PNL and other peer reviewers. I'm attaching a copy of the Headquarters rewritten version. Perhaps you can pull an independent technical review group together to provide comments and make changes where necessary. Our support contractor at Headquarters, Social & Scientific Systems (S³), could assist in this effort. The rewritten version is all on the S³ wordprocessor.

As you can see, we have struggled with this much longer than we had hoped. I'd appreciate your doing what you can to get it off dead center.

Original signed by:
Lawrence H. Harmon

Lawrence H. Harmon, Director
Transportation Management Division
Office of Defense Waste and
Transportation Management
Defense Programs

Attachments

1021781



Oak Ridge Operations

K-25 Site Office

To: Dick Egli

1/16/90

ORNL PERFORMANCE PROBLEM, (REVIEW OF RAILROAD WORKERS) JUST A "HEADS-UP"

I'll get in touch with Rick Collier to see if he can help us get out of this mess. We've had lots of folks involved, firing off various levels of artillery for the last 2 years - the "boil needs lancing"

Thanks
Marianne Heiskell

cc: Rick Collier
Larry Blalock

1021782

memorandum

DATE: December 4, 1989

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ATTN OF: EM-51

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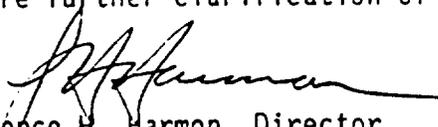
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Lawrence H. Harmon, Director
Transportation Management Division
Office of Technology Development

Attachments

cc:
W. Bibb, OR
M. Heiskell, OR
L. Blalock, OR
D. Fields, ORNL
W. Cottrell, ORNL
J. Cece, S³

1021783

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K-25 SITE OFFICE

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July 20, 1989

DP-121

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Original signed by:
Lawrence H. Harmon

Lawrence H. Harmon, Director
Transportation Management Division
Office of Defense Waste and
Transportation Management
Defense Programs

Attachments

1021784