



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

MAR 26 1985

PDR-016

Dr. Zinovy V. Reytblatt  
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Computer Science  
Warren Wilson College  
701 Warren Wilson Road  
Swannanoa, NC 28778-2099

IN RESPONSE REFER  
TO FOIA-85-143

Dear Dr. Reytblatt:

This is in response to your letter of February 26, 1985, in which you requested, pursuant to the Freedom of Information Act (FOIA), records relating to NRC FIN No. B0489, "Containment Leak Rate Testing Program" and records of any and all contracts between Quadrex and the NRC.

The documents identified on the enclosed appendix relating to FIN No. B0489 were made available for public inspection and copying, in advance of this letter, in the NRC Public Document Room (PDR) on March 20, 1985, to facilitate your inspection of these records during your planned visit to NRC headquarters on that day.

The staff has informed us that the NRC has never had a contract with Quadrex and therefore the NRC has no document subject to that portion of your request.

Your request for documents at the Oak Ridge National Laboratory relating to FIN No. B0489 should be directed to:

Mr. Wayne Range  
FOIA Officer  
Oak Ridge Operations Office  
U.S. Department of Energy  
P.O. Box E  
Oak Ridge, TN 37831

The FOIA is not applicable to the Quadrex Corporation, as it is not a U.S. Government agency.

This completes NRC's action on your FOIA request.

Sincerely,

J. M. Felton, Director  
Division of Rules and Records  
Office of Administration

Enclosure: As stated

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APPENDIXRECORDS FILED IN PDR FILE FOIA-85-143Fin No. B0489

1. undated Draft letter to Thomas E. Murley, RES, from Harold R. Denton, NRR, entitled "Request for a Safety Research Program on Containment Integrated Leak-Rate Testing (CILRT)" (2 pages).
2. undated Draft entitled "Research Request for a Safety Research Program on Containment Integrated Leak Rate Testing (CILRT)" (9 pages).
3. 10/10/80 Note to Walter Butler, NRR, from David D. Reiff, RES, entitled "NRR User Request on Reactor Containment Integrated Leak-Rate Testing" (2 pages).
4. 10/20/80 Draft note to Walt Butler, NRR, from David D. Reiff, RES, entitled "NRR User Request on Reactor Containment Integrated Leak-Rate Testing" (2 pages) with attached draft entitled "Containment Leak Testing" (1 page).
5. 03/03/82 Letter to Hans Ashar, NRC, from D. J. Naus, ORNL, regarding ORNL experience with leak rate testing (9 pages).
6. 04/09/82 Letter to R. J. Hart, Oak Ridge Operations Office, DOE, from Guy A. Arlotto, RES, transmitting NRC Form 173 (4 pages).
7. 05/05/82 Note to Dan Naus, ORNL, from Gunter Arndt, RES, transmitting additional material for B0489 (3 pages).
8. 06/03/82 Memo to Jim Shapaker, NRR, et al., from Gunter Arndt, RES, entitled "Availability of Type A, B, and C Test Reports" (35 pages).
9. 08/17/82 Note to James Dougan, ORNL, from Gunter Arndt, RES, regarding internal comments on the ANSI/ANS 56.8 - 1981 standard (1 page).
10. 08/18/82 Memo for Jim Shapaker, NRR, et al., from Gunter Arndt, RES, entitled "Leak Test Reports Selected for ORNL Review" (4 pages).
11. 08/23/82 Note to James Dougan, ORNL, from Gunter Arndt, RES, regarding a GE letter and comments on O&M status report (1 page).

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12. 08/26/82 Letter to Gunter Arndt, RES, from James R. Dougan, ORNL, with August, 1982 monthly progress report for B0489 (6 pages).
13. 10/01/82 Letter to J. P. O'Reilly, Region II, from James R. Dougan, ORNL, requesting opportunity to observe leak rate tests at St. Lucie, Sequoyah, and Browns Ferry (1 page).
14. 10/05/82 Letter to Gunter Arndt, RES, from James R. Dougan, ORNL, with September, 1982 monthly progress report for B0489 (3 pages).
15. 11/01/82 Letter to Gunter Arndt, RES, from D. J. Naus, ORNL, with October, 1982 monthly progress report for B0489 (3 pages).
16. 12/07/82 Letter to Gunter Arndt, RES, from J. R. Dougan, ORNL, with November, 1982 monthly progress report for B0489 (3 pages).
17. 01/03/83 Letter to Gunter Arndt, RES, from D. J. Naus, ORNL, with December, 1982 monthly progress report for B0489 (7 pages).
18. 01/14/83 "Request for Payment to Guest Lecturers or Agreement for Short Term Consulting or Professional Services" (1 page).
19. 02/03/83 Letter to Gunter Arndt, RES, from D. J. Naus, ORNL, with January, 1983 monthly progress report for B0489 (2 pages).
20. 02/28/83 Letter to Gunter Arndt, RES, from D. J. Naus, ORNL, with February, 1983 monthly progress report for B0489 (2 pages).
21. 04/04/83 Letter to Gunter Arndt, RES, from D. J. Naus, ORNL, with March, 1983 monthly progress report for B0489 (2 pages).
22. 05/04/83 Letter to Gunter Arndt, RES, from D. J. Naus, ORNL, with April, 1983 monthly progress report for B0489 (4 pages).
23. 05/05/83 Note to James Shapaker, NRR, et al., from Gunter Arndt, RES, requesting comments on status of B0489 (2 pages).
24. 05/10/83 Note to James Shapaker, NRR, et al., from Gunter Arndt, RES, requesting comments on status of B0489 (1 page).

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25. 05/17/83 Note to James Dougan, ORNL, from Gunter Arndt, RES, regarding status of B0489 (1 page).
26. 06/10/83 Letter to Gunter Arndt, RES, from James R. Dougan, ORNL, regarding NRC comments on status of B0489 (3 pages).
27. 06/10/83 Letter to Gunter Arndt, RES, from D. J. Naus, ORNL, with May, 1983 monthly progress report for B0489 (8 pages).
28. 06/15/83 Note to James Shapaker, NRR, et al., from Gunter Arndt, RES, regarding ORNL letters and Reytblatt leak test comments (1 page).
29. 06/30/83 Letter to Gunter Arndt, RES, from D. J. Naus, ORNL, with June, 1983 monthly progress report for B0489 (2 pages).
30. 08/08/83 Letter to Guy A. Arlotto, RES, from A. L. Lotts, Director, NRC Programs, ORNL, with draft FY1985 budget proposals for RES:DET (16 pages).
31. 08/08/83 Letter to Gunter Arndt, RES, from D. J. Naus, ORNL, with July, 1983 monthly progress report for B0489 (3 pages).
32. 08/15/83 Letter to Gunter Arndt, RES, from James R. Dougan, ORNL, with outline of draft final report for leak rate evaluation program (4 pages).
33. 09/07/83 Letter to Gunter Arndt, RES, from D. J. Naus, ORNL, with August, 1983 monthly progress report for B0489 (3 pages).
34. 10/04/83 Letter to Gunter Arndt, RES, from James R. Dougan, ORNL, regarding first draft of report entitled "Evaluation of Containment Leak Rate Testing Criteria" (1 page).
35. 10/04/83 Letter to Gunter Arndt, RES, from D. J. Naus, ORNL, with September, 1983 monthly progress report for B0489 (2 pages).
36. 10/31/83 Letter to Gunter Arndt, RES, from D. J. Naus, ORNL, with October, 1983 monthly progress report for B0489 (2 pages).
37. 11/28/83 Letter to Gunter Arndt, RES, from James R. Dougan, ORNL, regarding maintenance of reduced pressure testing (2 pages).
38. 12/05/83 Letter to Gunter Arndt, RES, from D. J. Naus, ORNL, with November, 1983 monthly progress report for B0489 (1 page).

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39. 12/07/83 Note to Guy A. Arlotto, RES, et al., from A. P. Malinauskas, ORNL, regarding appointment of David M. Eisenberg as Program Manager, NRC Division of Engineering Technology Programs (1 page).
40. 12/21/83 Letter to Gunter Arndt, RES, from D. J. Naus, with December, 1983 monthly progress report for B0489 (1 page).
41. 01/17/84 Note to file from Gunter Arndt, RES, regarding call from Dan Naus, ORNL (1 page).
42. 02/03/84 Letter to Gunter Arndt, RES, from D. J. Naus, ORNL, with January, 1984 monthly progress report for B0489 (1 page).
43. 02/21/84 Letter to Dan Naus, ORNL, from Gunter Arndt, RES, regarding first draft of final report entitled "Evaluation of Containment Leak Rate Testing Criteria" (1 page).
44. 02/21/84 Letter to Dan Naus, ORNL, from Gunter Arndt, RES, regarding first draft of final report entitled "Evaluation of Containment Leak Rate Testing Criteria" (1 page).
45. 03/01/84 Letter to Gunter Arndt, RES, from D. J. Naus, RES, with February, 1984 monthly progress report for B0489 (1 page).
46. 03/29/84 Letter to Gunter Arndt, RES, from D. J. Naus, RES, with March, 1984 monthly progress report for B0489 (2 pages).
47. 04/11/84 Routing slip to James Pulsipher, NRR, from Gunter Arndt, RES, regarding ORNL work under B0489 (4 pages).
48. 05/07/84 Letter to Gunter Arndt, RES, from D. J. Naus, ORNL, with April, 1984 monthly progress report for B0489 (1 page).
49. 05/10/84 Letter to J. LaGrone, Oak Ridge Operations Office, DOE, from Guy A. Arlotto, RES, transmitting NRC Form 173 (4 pages).
50. 07/06/84 Letter to Gunter Arndt, RES, from D. J. Naus, ORNL, with June, 1984 monthly progress report for B0489 (1 page).
51. 10/15/84 Routing slip to James Shapaker, NRR, from Gunter Arndt, RES, regarding Quadrex unresponsiveness to ORNL requests for assistance (1 page).
52. 01/85 Handwritten chart of expenditures under B0489 (1 page).

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- 53. 01/15/85 Note to J. Richardson from Gunter Arndt, RES, entitled "Status of ORNL-Held Funds Remaining from FIN B0489, Containment Leak Rate Testing" (1 page).
- 54. 03/11/85 Note to file regarding Quadrex proposal to review CSB questions (1 page).

Fin No. B0489 - Addendum

- 55. 09/16/83 Routing slip to Roger Blond, NRC, et al., from Gunter Arndt, RES, transmitting draft program assumptions (4 pages).
- 56. 09/16/82 Note regarding conversation with Bill Millstead, NRC, concerning openings that prevent containment overpressure failure (1 page).
- 57. 11/15/82 Note by Gunter Arndt, RES, regarding telephone conversation with John Power, INPO, concerning philosophies of leak testing (1 page).
- 58. 11/18/82 Letter to R. J. Hart, Oak Ridge Operations Office, DOE, transmitting NRC Form 173 (4 pages).
- 59. 12/02/82 FIN Plan Input (1 page).
- 60. 12/22/82 Note to George Flannagan, ORNL, from Gunter Arndt, RES, transmitting minutes of meeting between NRC and ORNL staff on 11/16/82 (8 pages).
- 61. 01/14/83 Notes of visit to ORNL (2 pages).
- 62. 01/25/83 Letter R. J. Hart, Oak Ridge Operations Office, DOE, transmitting NRC Form 173 (4 pages).
- 63. 02/17/83 Letter to Gunter Arndt, RES, from Thomas J. Burns, ORNL, transmitting draft NRC Form 189 (7 pages).
- 64. 03/23/83 Redrafted NRC Form 189 for B0489-B (6 pages).
- 65. 04/05/83 Note to Thomas Burns, ORNL, from Gunter Arndt, RES, regarding James Meyer's presentation to Senior SARP Review Group on 03/14/83 (1 page).
- 66. 06/28/83 Letter to Guy A. Arlotto, RES, from William R. Bibb, Oak Ridge Operations Office, DOE, transmitting final NRC Form 189 (4 pages).

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67. 10/14/83 Letter to Gunter Arndt, RES, from Thomas J. Burns, ORNL, transmitting draft report and expenditures (23 pages).
68. 10/14/83 Letter to Gunter Arndt, RES, from Thomas J. Burns, ORNL, transmitting draft report and expenditures (23 pages).
69. 12/13/83 Note to file from Gunter Arndt, RES, regarding Arndt telephone conversation with Tom Burns, ORNL (1 page).
70. 01/10/84 Note to file from Gunter Arndt, RES, regarding Arndt telephone conversation with Tom Burns, ORNL (1 page).
71. 01/16/84 Memorandum to Leonard Soffer, RES, from P.K. Niyogi, RES, entitled "ORNL Report, 'Impact of Containment Building Leakage on LWR Accident Risk'" (2 pages).
72. 02/16/84 Note to file from Gunter Arndt, RES, regarding Arndt telephone conversation with Tom Burns, ORNL (1 page).
73. 02/24/84 Letter to Gunter Arndt, RES, from Thomas J. Burns, ORNL, regarding contract expenditures (1 page).
74. 03/20/84 Letter to Gunter Arndt, RES, from Thomas J. Burns, ORNL, transmitting draft report and expenditures (20 pages).
75. 04/13/84 Note to file from Gunter Arndt, RES, regarding Arndt telephone conversation with George Flannagan, ORNL, concerning transfer of funds (1 page).
76. 04/13/84 Letter to Gunter Arndt, RES, from T. J. Burns, ORNL, transmitting report entitled "Feasibility of Predicting Containment Leak Rate" (7 pages).
77. 06/28/84 Handwritten chart and notes of ORNL costs (5 pages).
78. undated ORNL Containment Leak Rate Sensitivity Study Distribution List (1 page).
79. undated Address and telephone numbers of George Flannagan and Thomas Burns, ORNL (1 page).
80. undated ORNL FY1983 Program Brief for B0489 (2 pages).