

Babcock & Wilcox

a McDermott company

Research & Development Division
Lynchburg Research Center

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April 23, 1982

Mr. James R. Miller, Chief
Standardization & Special Projects Branch
Division of Licensing
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Reference: License R-47, Docket 50-99

Subject: Request for License Termination

Dear Mr. Miller:

The Lynchburg Research Center has completed the dismantling and decontamination of the referenced facility in accordance with our approved Dismantling Plan.

Attached are the results of the final surveys made at the facility. The results indicate that the levels of radioactivity remaining at the facility are within those specified in the Dismantling Plan and I therefore, request that a verification survey be performed by representatives of the NRC's Office of Inspection and Enforcement. I further request that upon receipt of a report from I&E verifying that the levels of activity remaining within the facility are within the limits specified in the Dismantling Plan, that the facility be released for unrestricted use and that the referenced license be terminated.

If additional information is required, please contact me.

Yours very truly,

Arne F. Olsen

Arne F. Olsen
Senior License Administrator

AFO:ccf

Attachment(s)

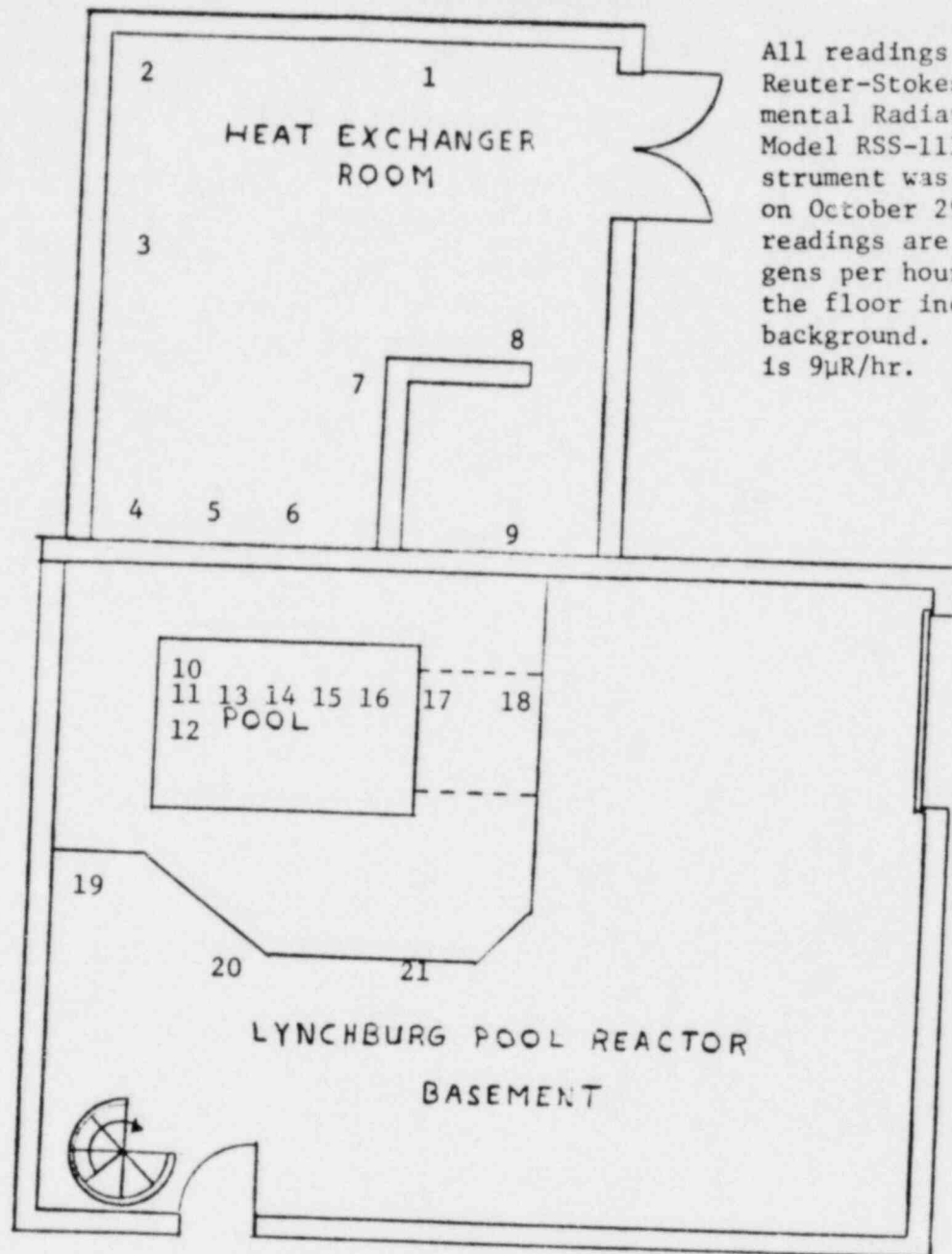
cc: Director
Office of Inspection and Enforcement
Region II
U. S. Nuclear Regulatory Commission
101 Marietta St., N.W., Suite 3100
Atlanta, Ga. 30303

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ATTACHMENT A
Final Radiation Survey Results
Lynchburg Pool Reactor



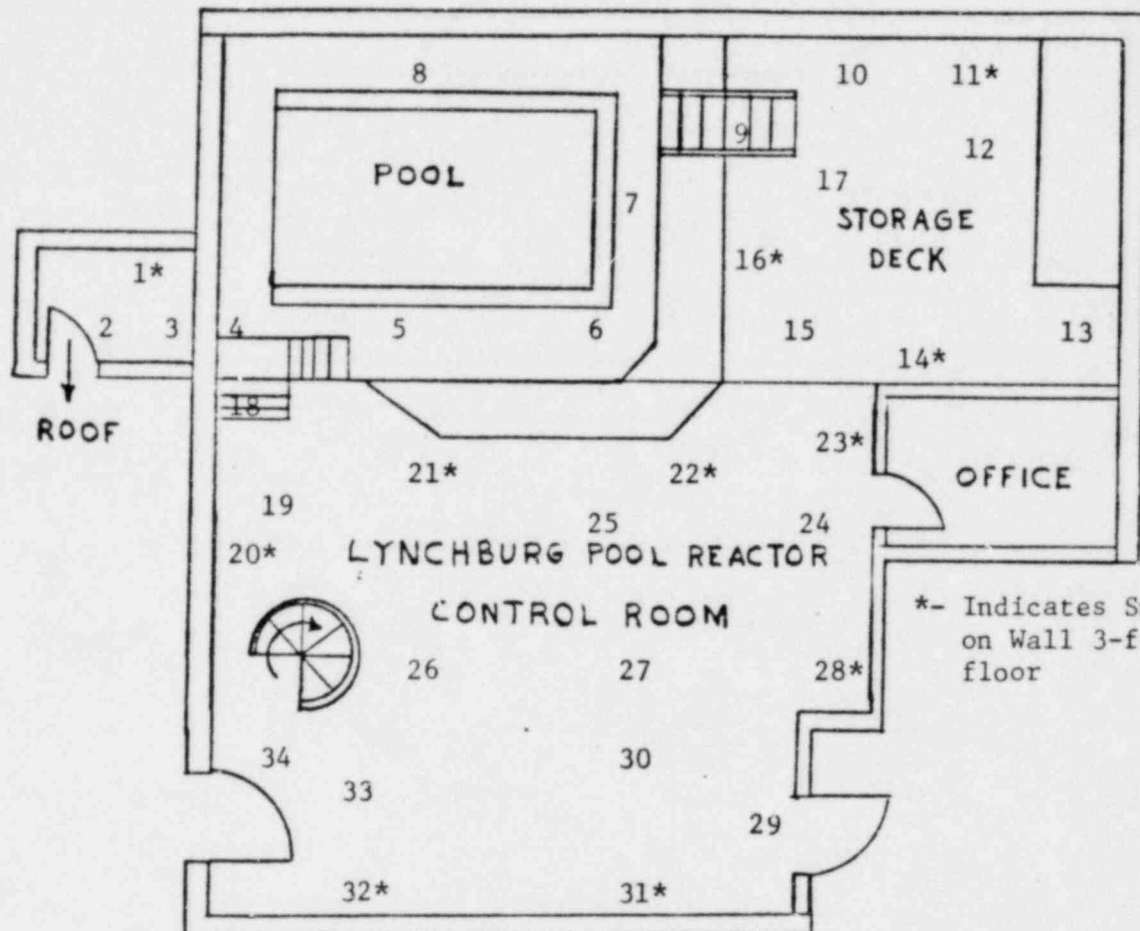
All readings taken with Reuter-Stokes Environmental Radiation Monitor, Model RSS-111. This instrument was calibrated on October 29, 1981. All readings are in micro Roentgens per hour at 3 feet from the floor including natural background. Natural background is $9\mu\text{R/hr}$.

1 - 10
2 - 10
3 - 10
4 - 10
5 - 10
6 - 10
7 - 10

8 - 9
9 - 13
10 - 9
11 - 9
12 - 9
13 - 10
14 - 10

15 - 11
16 - 11
17 - 12
18 - 12
19 - 9.5
20 - 10
21 - 11

ATTACHMENT B
Final Smear Survey
Lynchburg Pool Reactor

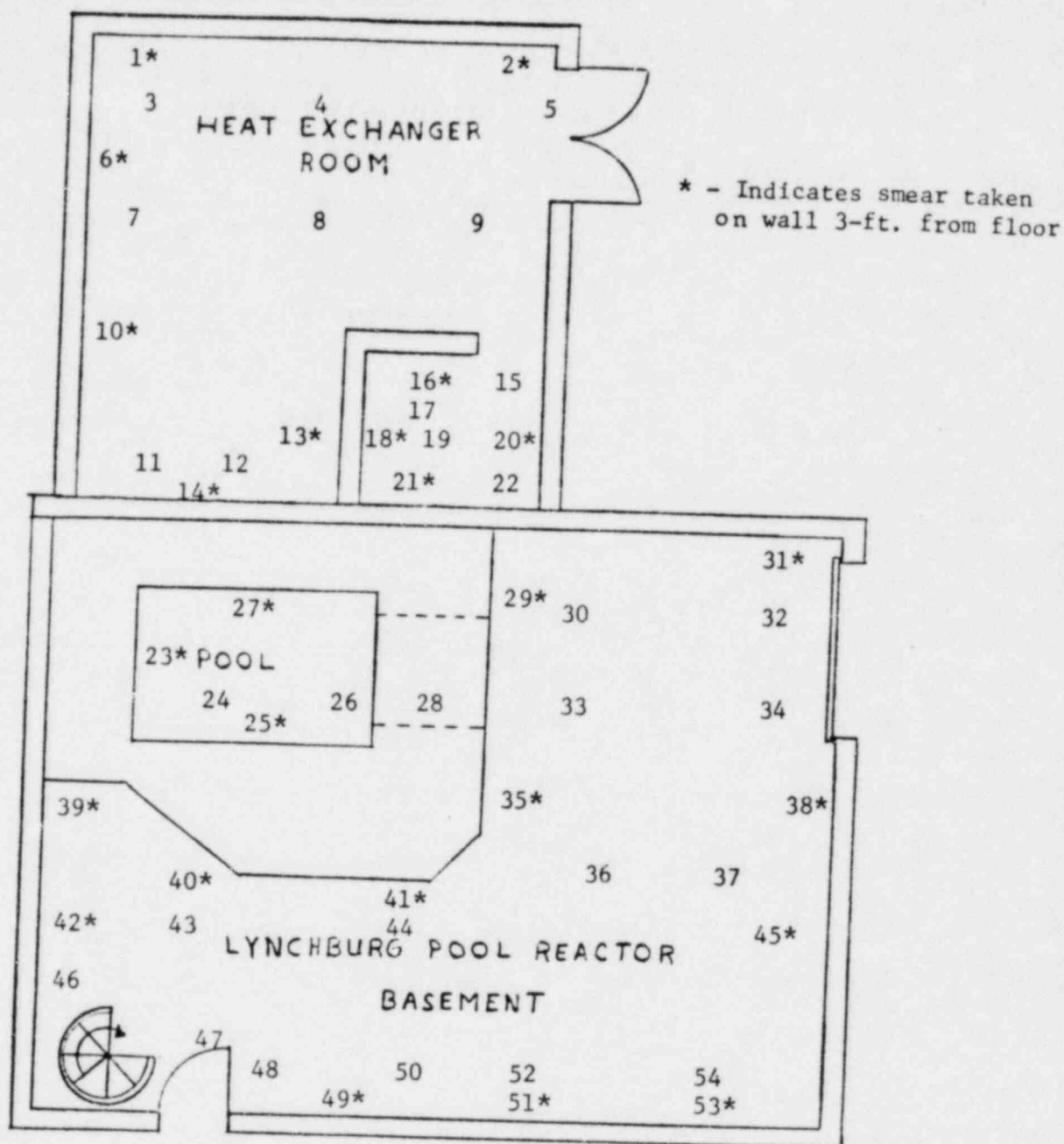


Counter background = 78 dpm

All results are given in disintegration per minute per 100 cm² including counter background.

1 - 78	11 - 78	21 - 78	31 - 78
2 - 78	12 - 90	22 - 78	32 - 78
3 - 78	13 - 78	23 - 78	33 - 78
4 - 90	14 - 86	24 - 78	34 - 78
5 - 80	15 - 78	25 - 78	
6 - 78	16 - 88	26 - 78	
7 - 78	17 - 78	27 - 78	
8 - 78	18 - 78	28 - 78	
9 - 92	19 - 78	29 - 78	
10 - 84	20 - 78	30 - 78	

ATTACHMENT C
Final Smear Survey
Lynchburg Pool Reactor



All results given in disintegrations per minute per 100 cm² including counter background. Counter background = 78 dpm.

1 - 90	11 - 78	21 - 78	31 - 80	41 - 78	51 - 78
2 - 78	12 - 78	22 - 78	32 - 78	42 - 78	52 - 78
3 - 78	13 - 78	23 - 78	33 - 78	43 - 78	53 - 78
4 - 78	14 - 78	24 - 78	34 - 78	44 - 78	54 - 78
5 - 78	15 - 78	25 - 78	35 - 78	45 - 78	
6 - 78	16 - 78	26 - 84	36 - 78	46 - 78	
7 - 78	17 - 78	27 - 78	37 - 78	47 - 78	
8 - 78	18 - 78	28 - 80	38 - 78	48 - 78	
9 - 78	19 - 78	29 - 78	39 - 78	49 - 78	
10 - 78	20 - 78	30 - 78	40 - 84	50 - 78	