

ML30  
PUBLIC



**Babcock & Wilcox**

a McDermott company

Research and Development Division

1562 Beeson Street  
Alliance, OH 44601  
(216) 821 9110

April 19, 1994

U. S. Nuclear Regulatory Commission  
Region III  
Materials Licensing Section  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137-5927

License No. SNM-30  
Expiration Date: 05/31/94  
Program Code: 22111

Gentlemen:

The Babcock & Wilcox, Research and Development Division, received the February 1, 1994 Nuclear Regulatory Commission letter that advised the license specified above will expire on May 31, 1994.

For your information and records, a termination request was filed on September 17, 1993. Subsequently, Babcock & Wilcox received from the NRC a February 4, 1994 letter with Amendment No. 7 that terminated NRC License Number SNM-30 under Docket or reference number 070-00028. Attached are copies of the letter and amendment.

If you have any questions or require additional information please call me at telephone number 216-829-7808.

Sincerely,

THE BABCOCK & WILCOX COMPANY  
Research & Development Division

*D.O. Budd*

D. O. Budd  
Radiological Safety Administrator

Attachments

9405050380 940419  
PDR ADOCK 07000028  
C PDR

RECEIVED

APR 25 1994

REGION III

APR 25 1994

030132



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION III  
801 WARRENVILLE ROAD  
LISLE, ILLINOIS 60532-4351

FEB 04 1994

The Babcock & Wilcox Company  
Research Center  
ATTN: Donald H. Blair  
Safety Supervisor  
1562 Beeson Street  
Allison, OH 44601

Dear Mr. Blair:

Enclosed is Amendment No. 07 which terminates your NRC License Number SNM-30 in accordance with your request.

If you have any questions or require clarification on any of the information stated above, you may contact us at (708) 829-9887.

Sincerely,

A handwritten signature in cursive script that reads "Patricia J. Pelke".

Patricia J. Pelke  
Materials Licensing Section

Enclosure: Amendment No. 07

ARC - Safety

MAR 07 1994

Environmental, Hyg.

MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License number

SNM-30

Docket or Reference number

070-00028

Amendment No. 07

The Babcock & Wilcox Company  
Research Center  
1562 Beeson Street  
Allison, OH 44601

In accordance with NRC Form 314 "Certificate of Disposition" dated September 17, 1993,  
License Number SNM-30 is hereby terminated.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JAN 31 1994

By Patricia J. Reed  
Materials Licensing Section, Region III

MAR 07 1994

04027022



## Babcock & Wilcox

a McDermott company

Research and Development Division

1562 Beeson Street  
Alliance, OH 44601  
(216) 821-9110

September 17, 1993

U.S. Nuclear Regulatory Commission  
Region III  
Material Licensing Section  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Reference: Docket No. 070-00028, License No. SNM-30, Expiration date: May 31, 1994

Gentlemen:

Babcock and Wilcox Company, Research Center, (licensee) hereby requests the termination of license number SNM-30. This notification is being filed in accordance with 10 CFR 30.6.

All activities involving materials authorized under the license are terminated. As specified in 10 CFR 30.36(c)(1)(iv), a completed form NRC-314 is enclosed with the list of transfers conducted during the current license period. All SNM-30 source materials originated with other licensees and were returned on the shipping dates shown on the list. No radioactive wastes were generated or disposed for materials subject to this license.

Also, as specified in 10 CFR 30.36(c)(1)(v) a report of the radiation survey of the premises where the licensed activities were carried out is attached. Levels of beta and gamma radiation at one centimeter measured "zero" on the instrument or at background levels equal to or less than .03 microrads per hour.

Since radioactive wastes were not generated or disposed under license SNM-30, submittal of a decommissioning plan pursuant to 10 CFR 30.36(c)(2)(i) is not applicable. However, a Decommissioning Funding Plan (DFP) Control #00060 for another license assigned to this facility was submitted to the NRC, Region III, on August 18, 1993.

Licenses SUB-1259 and BPM-34-03043-03 are also assigned to this facility and are to remain active at this time. The licenses provide specific research and development capabilities to analyze and evaluate sludges, scale, filters, and fuel in support of the power generating industries. However, the cost effectiveness of maintaining all three licenses for infrequent and "as needed" purposes is being challenged by the escalating annual fees and it has become necessary to eliminate SNM-30.

If you have any questions or require additional information, please contact me at 216-829-7325.

Sincerely,

D. H. Blair  
Radiation Control Officer

### CERTIFICATE OF DISPOSITION OF MATERIALS

INSTRUCTIONS: SEND THE COMPLETED CERTIFICATE TO THE NRC OFFICE SPECIFIED ON THE REVERSE.

(All items MUST be completed - print or type)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST IS NINE FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-330), U.S. NUCLEAR REGULATORY COMMISSION WASHINGTON, DC 20545 AND TO THE PAPERWORK REDUCTION PROJECT (3180-0028), OFFICE OF MANAGEMENT AND BUDGET WASHINGTON, DC 20503

LICENSEE NAME AND ADDRESS

Babcock & Wilcox Research and Development Division  
1562 Beeson Street  
Alliance, OH 44601

LICENSE NUMBER

SNM-30

LICENSE EXPIRATION DATE

May 31, 1994

THE LICENSEE OR ANY INDIVIDUAL EXECUTING THIS CERTIFICATE ON BEHALF OF THE LICENSEE CERTIFIES THAT:

(Check and/or complete the appropriate item(s) below.)

#### A. MATERIALS DATA (Check one and complete as necessary)

1. NO MATERIALS HAVE EVER BEEN PROCURED OR POSSESSED BY THE LICENSEE UNDER THIS LICENSE
- OR
2. ALL MATERIALS PROCURED AND/OR POSSESSED BY THE LICENSEE UNDER THE LICENSE NUMBER CITED ABOVE HAVE BEEN DISPOSED OF IN THE FOLLOWING MANNER: (If additional space is needed, use the reverse side or provide attachments.)

Describe specific material transfer actions and, if there were radioactive wastes generated in terminating this license, the disposal actions, including the disposition of low-level radioactive waste, mixed waste, Greater than Class C waste, and sealed sources, if applicable.

No wastes generated.

For transfers, specify the date of the transfer, the name of the licensed recipient, and the recipient's NRC license number or Agreement State name and license number.

Transfers during current license period shown on attached "Materials Data" Sheet.

If materials were disposed of directly by the licensee rather than transferred to another licensee, licensed disposal site or waste contractor, describe the specific disposal procedures (e.g., decay in storage).

No wastes generated.

#### B. OTHER DATA

1. OUR LICENSE HAS NOT YET EXPIRED. PLEASE TERMINATE IT.
2. WAS A RADIATION SURVEY CONDUCTED TO CONFIRM THE ABSENCE OF LICENSED RADIOACTIVE MATERIALS AND TO DETERMINE WHETHER ANY CONTAMINATION REMAINS ON THE PREMISES COVERED BY THE LICENSE? (Check one)
- NO (Attach explanation)
- YES. THE RESULTS (check one)
- ARE ATTACHED OR
- WERE FORWARDED TO NRC ON (Date)

3. THE PERSON TO BE CONTACTED REGARDING THE INFORMATION PROVIDED ON THIS FORM

NAME

Donald H. Blair

TELEPHONE NUMBER

216-829-7325

4. MAIL ALL FUTURE CORRESPONDENCE REGARDING THIS LICENSE TO

David O. Budd  
1562 Beeson Street  
Alliance, OH 44601  
216-829-7808

#### CERTIFYING OFFICIAL

I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT.

SIGNATURE



DATE

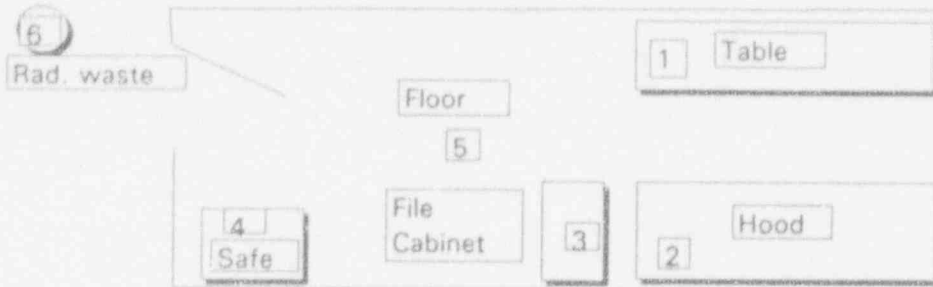
9/17/93

PRINTED NAME AND TITLE

Donald H. Blair, Safety Supervisor

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

RADIOACTIVE RECEIVING ROOM SURVEY



AREAS

	Microrads/hour		Alpha			Beta		
	$\beta$ & $\gamma$ at 1 cm	$\gamma$ at 1 m	CPM	dpm 100 cm <sup>2</sup>	micro Ci 100 cm <sup>2</sup>	CPM	dpm 100 cm <sup>2</sup>	micro Ci 100 cm <sup>2</sup>
1	<0.03	<0.03	<4	<16	<0.00005	<60	<250	<0.00025
2	<0.03	<0.03	<4	<16	<0.00005	<60	<250	<0.00025
3	<0.03	<0.03	<4	<16	<0.00005	<60	<250	<0.00025
4	<0.03	<0.03	<4	<16	<0.00005	<60	<250	<0.00025
5	<0.03	<0.03	<4	<16	<0.00005	<60	<250	<0.00025
6	<0.03	<0.03	<4	<16	<0.00005	<60	<250	<0.00025

Instrument Pac4G B&W # 1000950 Calib. due date 12/01/1993

Check source 910652 Check source response 3600/11000 Units CPM

Instrument Pac4G B&W # 750206 Calib. due date 11/06/1993

Check source A1 Check source response 6000 Units CPM

Instrument GM B&W # 660133 Calib. due date 11/05/1993

Check source 2B Check source response 10,000 Units mr/hr

Signature

*Blair*

Date

9/15/93

Materials Data - License SNM-30				
Material	Quantity	Ship Date	Licensed Recipient	Recipient License No.
U235	0.0007 mCi	13-Sep-93	B&W - NNFD	SNM-778
contaminated soil	1.5 uCi	23-Oct-91	B&W-Apollo	SNM-145
contaminated soil	0.2 uCi	23-Oct-91	B&W-Apollo	SNM-145
U235 mount	0.001 mCi(0.01g)	18-Mar-91	B&W-NNFD	SNM-778
contaminated soil	0.0365 uCi	30-Nov-90	B&W-Apollo	SNM-145
fuel rods	324 mCi	02-Nov-90	B&W-CNFP	SNM-1168
contaminated soil	0.227 uCi	17-Sep-90	B&W-Apollo	SNM-145
contaminated soil	1.87 uCi	20-Jun-90	B&W-Apollo	SNM-145
liquid samples	0.694 uCi	14-May-90	B&W-Apollo	SNM-145
contaminated soil	2.06 uCi	23-Mar-90	B&W-Apollo	SNM-145
smear samples	0.001 mCi	20-Mar-90	B&W-NNFD	SNM-778
2 mounts	0.3 mCi(3g)	08-Nov-89	B&W-NNFD	SNM-778
U235 residue	3 uCi	11-Sep-89	B&W-NNFD	SNM-778
4 fuel rods	284 grams	28-Aug-89	B&W-CNFP	SNM-1168
fuel mount	0.19 mCi	03-Feb-89	B&W-NNFD	SNM-778
fuel mount	0.1 mCi(1g)	24-Mar-88	B&W-NNFD	SNM-778
smear samples	4 uCi	24-Mar-88	B&W-NNFD	SNM-778
fuel mounts	0.19 mCi(2g)	07-Mar-88	B&W-NNFD	SNM-778
fuel mounts	0.02 mCi(26g)	16-Sep-87	B&W-NNFD	SNM-778
fuel mounts	0.04 mCi(38g)	09-Sep-87	B&W-NNFD	SNM-778
fuel mounts	0.01 mCi(8g)	09-Sep-87	B&W-NNFD	SNM-778
fuel mounts	0.1mCi(1g)	09-Sep-87	B&W-NNFD	SNM-778
fuel mounts	0.29mCi(3g)	09-Sep-87	B&W-NNFD	SNM-778
U235	0.1uCi	14-Jan-87	B&W-NNFD	SNM-778