



9/25/97

70-1100

Docket No. 70-1100
License No. SNM-1067
TAC No. L30875

September 19, 1997

Mr. Michael F. Weber, Chief
Licensing Branch
Division of Fuel Cycle Safety and Safeguards
Office of Nuclear Materials Safety and Safeguards
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Subject: Supplement To Amendment Request To Downgrade
License No. SNM-1067

- References: (A) Letter, I. C. Rickard (CE) to M. F. Weber (NRC),
"Amendment Request To Downgrade License No. SNM-1067," dated April 16, 1997.
(B) Letter, I. C. Rickard (CE) to M. F. Weber (NRC), "Response
To Questions On Amendment Request To Downgrade
License No. SNM-1067," dated August 21, 1997.
(C) Letter, J. F. Conant (CE) to R. C. Pierson (NRC), "Building
21 Final Status Survey Report," dated March 29, 1996.

Dear Mr. Weber:

In Reference (A), CE requested a downgrade of License SNM-1067 to reflect the proposed reduction in activities and material possession authorization and the transfer of laboratory activities to the Windsor Site Broad Scope License. Reference (B) responded to questions from the staff about Reference (A). This letter requests further changes which delete the request for authorization to possess SNM in Building 21. CE notified the NRC by Reference (C) that the remediation activities for Building 21 had been completed and requested free release of Building 21 and its immediate environs. By this letter, CE stipulates that no Source Material or Special Nuclear Material has been possessed in or around Building 21 since February 8, 1996, and that no Source Material or Special Nuclear Material will be possessed in or around Building 21 prior to its decommissioning by the NRC.

Accordingly, Page 1-2 of Reference (A) and Page 1-3 of Reference (B) are replaced by the two change pages included here in Enclosure (1). The proposed changes delete Item (2) from Page 1-2, regarding the possession amount of U-235 in Building 21, and delete from Page 1-3, the sentence referring to Item 2. Six (6) copies are enclosed for your use.

NFO411

9709300035 970919
PDR ADDCK 07001100
C PDR

Asea Brown Boveri Inc.

1000 Prospect Hill Road
Post Office Box 500
Windsor, Connecticut 06095-0500

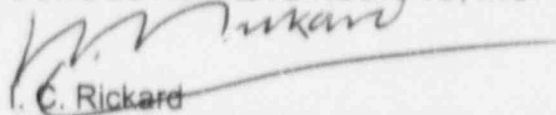
Telephone:
(203) 688-1911

Telex:
99297



If there are questions or comments regarding this matter, please feel free to contact me or Mr. J. F. Conant at (860) 285-5002.

Very truly yours,
COMBUSTION ENGINEERING, INC.

A handwritten signature in dark ink, appearing to read "I. C. Rickard", is written over the printed name.

I. C. Rickard
Director of Operations Licensing
ABB-CE Nuclear Operations

xc: Dr. S. Soong (NRC)
J. J. Kottan (NRC-Region I)

Enclosure: As stated

September 19, 1997
Enclosure (1)

COMBUSTION ENGINEERING, INC.
WINDSOR SPECIAL NUCLEAR MATERIAL LICENSE
FURTHER REDUCTION OF POSSESSION AUTHORIZATION IN AMENDMENT
REQUEST TO DOWNGRADE LICENSE NO. SNM-1067

1.4 POSSESSION LIMITS AND LOCATION

Combustion Engineering, Inc., requests authorization at its Windsor Site for the following quantities of radioactive materials:

	<u>Material</u>	<u>Form</u>	<u>Quantity</u>	<u>Location</u>
(1)	Uranium enriched to greater than or equal to 5.0 weight percent ^{235}U	Residue (LLRW)	1000 gms ^{235}U	Specified Storage Areas

As stated in the letter from L. Bickwit, Jr. (Miller and Chevalier) to R. L. Fonner (NRC), dated March, 4, 1997, the material in Item 1, above, applies only to enriched uranium low-level wastes now located on the Windsor site that have been collected by CE and are to be included in the DOE Formerly Utilized Sites Remedial Action Program ("FUSRAP") for disposal. The 1000- gram possession limit also covers any such FUSRAP U-235 that is further collected by CE for disposal. CE believes that these wastes originated under contracts performed by CE for the Atomic Energy Commission in the late 1950's and early 1960's and that the wastes are covered or should be covered by the Department of Energy's designation of the Windsor site under FUSRAP. All other uranium residues that originated under the contracts referred to and have not been collected by CE should not be regarded as covered by, or subject to the possession limitations of, the license until such residues are collected by CE.

1.5 AUTHORIZED ACTIVITIES

The activities carried out with Special Nuclear Material (SNM) at the Windsor Site are limited to activities involving LLRW as follows:

Specified Storage Areas* -	Packaging, repackaging, evaluation, storage, handling, and transportation of waste from prior operations for the purpose of SNM control. These activities pertain to the material under Item 1 of Section 1.4.
Building 21 -	Decommissioning the former commercial nuclear fuel manufacturing facility warehouse under an approved Decommissioning Plan.

1.6 EXEMPTIONS AND SPECIAL AUTHORIZATIONS

- 1.6.1 In accordance with the exemptions allowed in 10 CFR 70.24(d), the Specified Storage Areas shall be exempt from the requirement of a criticality monitoring system as specified in 10 CFR 70.24(a)(1). CE shall separate the wastes into batches no larger than 350 g contained ^{235}U and shall maintain a minimum separation of 12 feet between batches.

* The Specified Storage Areas are defined as 1) locked C-vans or trailers and other buildings or enclosures on site; 2) the paved area in the wooded section of the Windsor site; and 3) the DOE FUSRAP-designated Building 3 and its immediate environs. Analyses may be made, under License No. 06-00217-06, on samples of waste.