



Commonwealth Edison

One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690 - 0767

January 26, 1988

Mr. Thomas E. Murley, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Braidwood Station Unit 1
Inservice Inspection (ISI) Program
NRC Docket Nos. 50-456

Reference (a): October 16, 1987 letter from S.C. Hunsader
to T.E. Murley

Dear Mr. Murley:

Reference (a) provided a description of the Braidwood Unit 1 ISI Program and presented the differences that exist between the Braidwood Unit 1 ISI Program and the Byron Unit 1 ISI Program.

Attachment B to Reference (a) provided a cross reference list for comparison of the Braidwood Unit 1 and Byron Unit 1 ISI Program Relief Requests. Included in this list was Relief Request LNR-17. However, in the copy of the Braidwood Unit 1 ISI program submitted to you, Relief Request LNR-17 may not have been included. Attached to this letter you will find this Relief Request which is to be included in your review of Reference (a).

Please address any questions you may have concerning this matter to this office.

Very truly yours,

S. C. Hunsader
Nuclear Licensing Administrator

lm

cc: S. Sands - NRR
NRC Region III (w/o Att.)
Braidwood Resident Inspector (w/o Att.)
M. C. Parker - IDNS (w/o Att.)

A047
1/1

Attachment

8802080275 880126
PDR ADOCK 05000454
Q PDR

4142K

RELIEF REQUEST INR-17

1. SYSTEM: Reactor Coolant; Chemical and Volume Control
2. NUMBER OF ITEMS: 6
3. A.S.M.E. CODE CLASS: 2

<u>Component Number</u>	<u>Weld Number</u>	<u>Material Thickness</u>
1CV01AB	1ELHXC-1	.323"
	1ELHXC-2	.323"
1CV05A	1LRHXC-1	.327"
	1LRHXC-2	.188"
1CV01T	1VCTC-2	.252"
	1VCTC-3	.252"

4. A.S.M.E. CODE SECTION XL REQUIREMENTS: Subsection IWC, Table IWC-2500-1, Examination Category C-A, Items C1.10 and C1.20 require volumetric examination of the regions described in Figure IWC-2500-1, for shell and head circumferential welds. Examinations may be limited to one vessel in cases of multiple vessels of similar design, size, and service and shall be conducted each inspection interval.
5. BASIS FOR RELIEF: The welds listed above are of extremely thin material. Ultrasonic examinations to the extent practical conducted during Preservice Inspection have shown these welds to produce data which is extremely difficult to interpret due to their thickness.
6. ALTERNATE TEST METHOD: A surface examination, using the liquid penetrant method, is proposed in lieu of ultrasonic examination. In addition, the system leakage test will be performed each inspection period.
7. JUSTIFICATION: Performing a surface examination and leakage test on these components will provide an acceptable level of structural integrity for system operation. It shall also significantly reduce exposure levels associated with ultrasonic examinations.
8. APPLICABLE TIME PERIOD: Relief will be required for the first 120 month interval.