



Docket No. 71-6078
Director, Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Subject: **Supplemental Information to Amendment for the Model 927 Shipping Package**

- References:
- 1) USNRC Certificate of Compliance No 6078, Revision 22, August 6, 1996.
 - 2) Letter to NRC from Combustion Engineering Inc., "Request for Amendment for the Model 927 Shipping Package", May 7, 1998.
 - 3) Letter to NRC from Combustion Engineering Inc., "Supplemental Information to Amendment for the Model 927 Shipping Package", June 2, 1998.

Enclosures: 1) Changed Pages for Certificate of Compliance No. 6078 Application

Dear Sir:

In response to our telephone conversation with Mr. David Tiktinsky on June 4, 1998 relative to the referenced amendment submittal, Combustion Engineering is re-submitting Sheets 1 through 4 of the licensing drawings for the Model 927 shipping package. The only change from the information supplied in Reference 3 is the revision number of the drawings.

Combustion Engineering, Inc., requests approval as soon as possible in order to perform the repair work requested in the amendment, and must have approval by June 15, 1998 in order to support upcoming fuel shipments.

If there are questions regarding this matter, please feel free to contact Mr. Robert Freeman of my staff at (314) 937-4691 Ext. 425 or myself at (314) 937-4691 Ext. 399.

Sincerely,

COMBUSTION ENGINEERING, INC.

Robert W. Sharkey
Director, Regulatory Affairs
RA98/754

6-5-98
Date

160000

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NT01

cc: C. Ross Chappell

ABB CENO Fuel Operations

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PDR ADDCK 07106078
C PDR

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**Enclosure I
to RA98/754**

**Combustion Engineering, Inc.
Certificate Application List of Affected Pages**

Date: June 5, 1998

Combustion Engineering, Inc., provides for information those pages affected by this supplement to the amendment request. The replacement pages are provided in this enclosure. The revision status of the licensing drawings was changed from Rev. 0 to Rev 1.

<u>Page</u>	<u>Rev.</u>	<u>Date of Requested Amendment</u>
1-4	1	5/7/98
1-5	1	5/7/98
1-6	1	5/7/98
1-7	1	5/7/98

FIGURE WITHHELD UNDER 10 CFR 2.390

NOTES:

- 1-SEGMENTED SECTION OF SEPARATOR BLOCKS TO FORM A CONTINUOUS BARRIER OVER THE ACTIVE FUEL LENGTH OF A GIVEN FUEL ASSY
- 2-NOT APPLICABLE TO OHAWA FUEL SHIPMENTS
- 3-TRUNNION SHOWN IS AN OPTIONAL COMPONENT APPLICABLE TO ONLY THOSE CONTAINERS TRANSPORTING CERTAIN TYPES OF FUEL
- 4-CONTAINER SHELLS MAY HAVE DENTS AND MAY BE MECHANICALLY REMOVED

Figure 1A-1 (Sheet 1 of 4)
 May 7, 1998 Rev. 1 Page 1-4

1		PO#	S/A/S/R#		OHAWO 927 CALIBER FROM 178 TO 174 FOR BEST 1P-1	
REV	BY	DATE	APP'D	DATE	DESCRIPTION	
DRAWN BY: D. HOSBY				ABB		
- SPECIALS -						
FACTORY CODE#				NUCLEAR POWER		
QUALITY INSPECTOR						
REG. APPROVAL						
SCALE: 1" = 1'				927 SHIPPING CONTAINER		
TOLERANCES UNLESS OTHERWISE SPECIFIED						
FINISHES						
DIMENSIONS						
SHT 1 OF 4		DRAWING NUMBER		L-6078-01		1

FIGURE WITHHELD UNDER 10 CFR 2.390

Figure 1A-1 (Sheet 2 of 4)
 May 7, 1998 Rev. 1 Page 1-5

1	REV	DATE	BY	DESCRIPTION
	REV	DATE	BY	DESCRIPTION
DRAWN BY: D. WOODS				
CHECKED BY: J. WOODS				
DATE: 6-21-98				
SCALE: 1/8" = 1"				
TOLERANCES UNLESS OTHERWISE SPECIFIED				
FRACTIONS 1/16, 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8				
DECIMALS 0.0005, 0.001, 0.002, 0.005, 0.01, 0.02, 0.05, 0.1, 0.2, 0.5, 1.0				
HORIZONTAL POWER				
ABB				
927 SHIPPING CONTAINER				
SHEET 2 OF 4		DRAWING NUMBER		L-6078-01
				1

FIGURE WITHHELD UNDER 10 CFR 2.390

Figure 1A-1 (Sheet 3 of 4)
 May 7, 1998 Rev. 1 Page 1-6

1	NO.	REV.	DATE	DESCRIPTION
REV	BY	DATE	DATE	DESCRIPTION
DRAWN BY: D. HOSBT				DATE: 4/1/98
APPROVED BY: [Signature]				DATE: 4/1/98
PROJECT: 927 SHIPPING CONTAINER				ABB
QUALITY ENGINEER: [Signature]				DATE: 4/1/98
SCALE: 1" = 1"				NUCLEAR POWER
TOLERANCES UNLESS OTHERWISE SPECIFIED				927 SHIPPING CONTAINER
FRACTIONS: ± .0005				
DECIMALS: ± .0005				
HOLE DIA: ± .0005				
SHT 3 OF 4		DRAWING NUMBER: L-6078-01		1

FIGURE WITHHELD UNDER 10 CFR 2.390

PARTIAL SECT. M-M

Figure 1A-1 (Sheet 4 of 4)
May 7, 1998 Rev. 1 Page 1-7

1	DCP	4/2/98				SHIPPED BLD CALLA FROM 1/4 TO 1/4 FOR SET 1-12
REV	BY	DATE	APP'D	CHK		DESCRIPTION
DRAWN BY: D. MOSEY						
APPROVALS -						ABB
DESIGNED BY: <i>[Signature]</i>						
QUALITY INSPECTOR: <i>[Signature]</i>						NUCLEAR POWER
RES. ATTACH: <i>[Signature]</i>						
OTHER: <i>[Signature]</i>						
SCALE: 1/8" = 1"						927 SHIPPING CONTAINER
TOLERANCES UNLESS OTHERWISE SPECIFIED						
FRACTIONAL: ± _____						
DECIMAL: ± _____						
HOLE: ± _____						
SHT 4 OF 4			DRAWING NUMBER		L-6078-01	
					1	

FIGURE WITHHELD UNDER 10 CFR 2.390

NOTES:

- 1—SEGMENTED SECTION OF SEPARATOR BLOCKS TO FORM A CONTINUOUS BARRIER OVER THE ACTIVE FUEL LENGTH OF A GIVEN FUEL ASSY.
- 2—NOT APPLICABLE TO OMAHA FUEL SHIPMENTS.
- 3—TRUNNION SHOWN IS AN OPTIONAL COMPONENT APPLICABLE TO ONLY THOSE CONTAINERS TRANSPORTING CERTAIN TYPES OF FUEL.
- 4—CONTAINER SHELLS MAY HAVE DENTS AND MAY BE MECHANICALLY REMOVED

9806160364-01

1	DDM	5/4/98			CHANGED WELD CALLOUT FROM 1/8 TO 1/4 FOR SECT. M-M
REV	BY	DATE	APP'D	DATE	DESCRIPTION
	D. MOSSBY	5/4/98			ABB
- APPROVALS -					
PROJECT ENGINEER: <i>[Signature]</i>					
QUALITY MANAGER: <i>[Signature]</i>					
REG. APPROVAL: <i>[Signature]</i>					NUCLEAR POWER
SCALE: 1" = 8"					927 SHIPPING CONTAINER
TOLERANCES UNLESS OTHERWISE SPECIFIED					
FRACTIONAL: ± _____					
DECIMAL: ± _____					
ANGULAR: ± _____					
SHT 1 OF 4		DRAWING NUMBER		L-6078-01	
					REV 1

FIGURE WITHHELD UNDER 10 CFR 2.390

9806160364-02

1	DEL	5/4/78			CHANGED WELD CALLOUT FROM 1/8 TO 1/4 FOR SECT. M-M
REV	BY	DATE	APP'S	DATE	DESCRIPTION
DRAWN BY: D. MOSBY 5/8/78					ABB
- APPROVALS -					
FACILITIES ENGINEER: <i>[Signature]</i> 6/24/78					NUCLEAR POWER
QUALITY INSPECTOR: <i>[Signature]</i> 6/24/78					
REC. ATTEND: <i>[Signature]</i> 6/24/78					
OTHERS/ : <i>[Signature]</i> 7/78					
SCALE: 1/8" = 1"					927 SHIPPING CONTAINER
TOLERANCES UNLESS OTHERWISE SPECIFIED					
FRACTIONAL ± _____					
DECIMAL ± _____					
ANGULAR ± _____					
SHT 2 OF 4			DRAWING NUMBER L-6078-01		REV 1

FIGURE WITHHELD UNDER 10 CFR 2.390

STEEL)

9806160364-03

1	DEM	8/4/98			CHANGED WELD CALLOUT FROM 1/8 TO 1/4 FOR SECT. M-M
REV	BY	DATE	APP'D	DATE	DESCRIPTION
DRAWN BY: D. MOSBY 8/8/98					ABB
- APPROVALS -					
FACILITIES ENGINEER: <i>[Signature]</i>					
QUALITY MANAGER: <i>[Signature]</i>					
REG. AFFAIRS: <i>[Signature]</i>					NUCLEAR POWER
SCALE: 1" = 1'					927 SHIPPING CONTAINER
TOLERANCES UNLESS OTHERWISE SPECIFIED					
FRACTIONAL: _____					
DECIMAL: _____					
ANGULAR: _____					
SHT 3 OF 4			DRAWING NUMBER		L-6078-01
					REV 1

Figure 1A-1 (Sheet 3 of 4)
 May 7, 1998 Rev. 1 Page 1-6

FIGURE WITHHELD UNDER 10 CFR 2.390

9806160364-04

Figure 1A-1 (Sheet 4 of 4)
May 7, 1998 Rev. 1 Page 1-7

1	DCM	4/4/98			CHANGED WELD CALLOUT FROM 1/8 TO 1/4 FOR SECT. M-H
REV	BY	DATE	APP'D	DATE	DESCRIPTION
DRAWN BY: D. MOSBY 3/9/98					ABB
- APPROVALS -					
FACILITIES ENGINEER: <i>[Signature]</i> 6/12/98					
QUALITY MANAGER: <i>[Signature]</i> 6/12/98					
REG. AFFAIRS: <i>[Signature]</i> 6/12/98					NUCLEAR POWER
OTHERS/ : / /					
SCALE: 1/8" = 1"					927 SHIPPING CONTAINER
TOLERANCES UNLESS OTHERWISE SPECIFIED					
FRACTIONAL: ± _____					
DECIMAL: ± _____					
ANGULAR: ± _____					
SHT 4 OF 4			DRAWING NUMBER L-6078-01		REV 1