

Cooper Industries
Cooper-Bessemer Reciprocating Products Division
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F. Bruce Stoiba
Vice President and General Manager



April 5, 1991

Our Ref: QCG-8056

U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Attn: Director of Inspection and Enforcement
One White Flint North
11555 Rockville Pike
Rockville, MD 20852

Dear Sir:

On March 27, 1991, Mr. Walter Haass was notified by telephone of a 10 CFR Part 21 condition that exists at the Houston Lighting and Power South Texas Power Plant involving standby diesel/generator fuel nozzle tips. The purpose of this letter is to provide written notification and a preliminary status report.

The Nuclear Engineering Manager of Cooper-Bessemer (C-B) Reciprocating was notified by telephone of an emergency diesel generator failure on or about March 18, 1991. The failure involved Houston Lighting and Power engine DG-12 and was caused by a cracked fuel nozzle tip. The fuel nozzle tip was manufactured from material lot number 150010 and initial investigation indicates the problem was isolated. An investigation is still in process.

On March 20, 1991, the C-B Nuclear Engineering Department was notified by H.L. & P. that DG-13 had failed. Subsequent investigation has revealed that a cracked fuel nozzle tip caused the failure. The material lot from which the fuel nozzle tip was manufactured is 150006; Bendix was the manufacturer. Eddy current examination of other fuel nozzle tips from the same material lot identified similar problems.

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C-B Reciprocating Quality Assurance determined which customers and part serial numbers were affected:

<u>LOT NO.</u>	<u>RO NO.</u>	<u>CUSTOMER</u>	<u>SERIAL NO.</u>
150006	26913	CECo, Braidwood	7H1801-02 7H0515, 21, 23, 26
150006	32175	HL&P	7H0519, 22, 25, 27
150006	55319	HL&P	7H0503, 08, 11, 30-36
150006	58282	HL&P	7H0504-06
150006	58274	APS	7H0708
150006	59196	HL&P	7G2901-06 7H0701-07, 09-14
150006	60611	APS	7H0501-02, 07, 09, 10, 12-14, 16-18, 20, 24, 28, 29

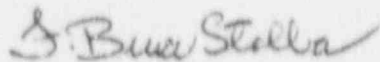
On March 27, 1991 a memorandum was transmitted to Aftermarket Services requesting the recall of the affected parts. This activity is in process.

A technical evaluation is being performed by Houston Lighting and Power. C-B Reciprocating Nuclear Engineering will coordinate with Houston Lighting and Power and secure the necessary technical data for the final report.

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As more information relative to the scope of the problem and its root cause becomes available, we will inform you.

Sincerely,



F. Bruce Stolba

FBS/bja

cc: J. S. Baron - CES/GC
D. T. Blizzard - CES/GC
A. D. Gillette - CES/GC
C. E. Hallman - CES/MV
W. H. A. Lambert - CES/GC
R. L. Pettis - NRC
M. A. Schleigh - CES/GC
B. R. Sedelmyer - CES/GC
P. J. Shimek - CES/GC
File: K-5fa19 Fuel Nozzle Tips