78-015-001 (R)

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REGISTERED LETTER NO. 3

RETURN RECEIPT REQUESTED

ORIGINAL & 3 COPIES

March 22, 1979

Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Ill. 60137

bcc: C. A. Ankrum
R. H. Beadle
R. A. Dudley, Boston
E. L. Fay
B. W. Feldmiller
E. D. Greene
W. T. Hailey
M. R. Hedden
J. F. Morgan
G. W. Olson
J. W. Tangye

Attention: Mr. James G. Keppler, Director, Region III

Subject: Colt Industries-Fairbanks Morse Engine Division
Emergency Diesel Generators
Possible Existence Of A Defect-Injection Pumps
10CFR Part 21 Report Dated September 22, 1978
Supplemental Report #2-Northeast Utilities, Millstone III

Gentlemen:

Our September 22, 1978 Part 21 Report indicated we would evaluate the adequacy of the program, described as being undertaken on the Millstone III unit undergoing a 300 start test at that time, after completion of the test.

Our Engineering and Quality Assurance Departments have analyzed the injection pump failures. It is their conclusion that the failures were the result of one or more of the following conditions.

1) Surface irregularities on barrel and/or plunger.
2) Incorrect material.
3) New pumps (i.e., no previous running).

After completion of the 300 start tests, all injection pumps were removed from both Millstone III units. All pumps were inspected to newly established criteria reflecting the above three areas of concern. All pumps were disassembled, plungers and barrels were inspected and clearances recorded. Revised de-burring and stoning procedures were carried out on the helix on the plunger and the fuel inlet port on the barrel. In addition, one pump from each unit was rerun for 48 hours and re-examined. The results of the reruns were satisfactory.

Colt's conclusion is that all of the Millstone III injection pumps are now adequately run-in and are in good condition. No further action is contemplated and both units are ready to go into service.

Very truly yours,

J. M. Moriarty
MANAGER UTILITY SALES

THIS DOCUMENT CONTAINS
POOR QUALITY PAGES

JMM:jc

cc: Stone & Webster Engineering Corp.
P. O. Box 2325
Boston, Mass. 02107
Attention: Lead Electrical Engineer
J.O. 12179

26 1979

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Fairbanks Morse
Engine Division
701 Lawton Avenue
Beloit, Wisconsin 53511
608/364-4411

March 23, 1979

Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Ill. 60137

Attention: Mr. James G. Keppler, Director, Region III

Subject: Part 21 Report
Colt Industries-Fairbanks Morse Engine Division
Emergency Diesel Generators
Possible Existence Of A Defect-Injection Pumps
10CFR Part 21 Report Dated September 22, 1978
Supplemental Report #3, Duquesne Light Co., Beaver Valley II

Reference: Supplement #2 to subject report dated March 22, 1979

Gentlemen:

Our September 22, 1978 report indicated the two Duquesne Light Co., Beaver Valley units in storage at Beloit would be dispositioned relative to the reported potential defect prior to shipment.

All injection pumps on the two Beaver Valley II units have been removed from the engines, inspected to the newly established criteria delineated in the referenced Supplemental Report #1, and reinstalled on the engines.

All of the Beaver Valley injection pumps are now adequately run-in and in good condition. No further action is contemplated and both units are ready to go into service.

Very truly yours,

J. M. Moriarty
MANAGER UTILITY SALES

JMM:jc

cc: Stone & Webster Engineers Corp.
P. O. Box 2325
Boston, Massachusetts 02107
Attention: Project Engineer for Duquesne
J.O. 12241
W/Supplement #2 dated March 22, 1979

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