

General Information or Other (PAR)

Event # 44585

Rep Org: BALDOR ELECTRIC CO.	Notification Date / Time: 10/21/2008 16:58 (EDT)
Supplier: BALDOR ELECTRIC CO.	Event Date / Time: 10/20/2008 (EDT)
	Last Modification: 10/21/2008
Region: 1	Docket #:
City: Flowery Branch	Agreement State: Yes
County:	License #:
State: GA	
NRC Notified by: JAMES THIGPEN	Notifications: ALAN BLAMEY R2
HQ Ops Officer: DONALD NORWOOD	CHRISTOPHER CAHILL R1
Emergency Class: NON EMERGENCY	HIRONORI PETERSON R3
10 CFR Section:	RICK DEESE R4
21.21 UNSPECIFIED PARAGRAPH	C VERNON HODGE NRR

BALDOR MOTORS WITH ENDRING HEAT DAMAGE

Two motors were discovered to have endring heat damage. These two motors have been returned to Baldor. Six more motors from the same purchase order remain out. These six motors have been recalled by Baldor. Location of these six motors is unknown at the present time. These motors were manufactured for use in Flowserve Limatorque motor operated valve operators.

JE20
UMSS

FAX



Date 8/21/2008

Number of pages including cover sheet 3

To: NRC Operations Center

From: James Thigpen
Quality Assurance Mgr.

Baldor Electric Co.
4349 Avery Drive
PO Box 250
Flowery Branch, Ga. 30542

Phone 301-816-5100

email jthigpen@baldor.com

Fax Phone 301-816-5151

Phone (678) 947-7272

Cc: _____

Fax Phone 678-947-7295

Remarks:

- Urgent
 For your review
 Reply ASAP
 Please comment

I have attached a Nuclear Nonconformance Report which I am submitting in accordance with our quality plan procedure RGG SOP-0047 rev. 3, Procedure for 10CFR21 Implementation. I will need to know what event number you have assigned to this nonconformance report so I can complete a formal notification as required by the procedures.

Thank you,
James Thigpen



Reliance Electric
 P. O. Box 250, 4349 Avery Drive
 Flowery Branch, GA 30542 USA
 Tel 678.947.7350

October 21, 2008

To: NRC Operations Center
 Phone 301-816-5100
 Fax 301-816-5151

Dear Sir or Madam:

NUCLEAR NONCONFORMANCE REPORT

1. CUSTOMER: Flowserve
 PO Box 11318
 5114 Woodall Road
 Lynchburg, VA 24506

2. PURCHASE ORDER: 1) 156839 - QTY 1
 2) 159947 - QTY 2
 3) 161613 - QTY 1
 4) 161922 - QTY 1
 5) 162360 - QTY 1
 6) 163564 - QTY 2

3. PART/COMPONENT NAME: AC MOTORS

4. PART/COMPONENT #:	1) 7443075-001 T1 -	Flowserve P/N	R-390-F03-082100040
	2) 7523757-001 T1 & T2-	Flowserve P/N	R-390-F03-0821
	3) B9003740-010 T1-	Flowserve P/N	R-390-F03-082100040
	4) B376441-010 T1-	Flowserve P/N	R-280-F04-0800
	5) B9006512-010 T1-	Flowserve P/N	R-390-F04-0821
	6) B9011320-010 T1 & T2-	Flowserve P/N	R-390-F04-0821

5. QUANTITY ON HAND - 2 SHIPPED - 6

6. LOCATION OF ALL UNITS

- 1) Unknown
- 2) Unknown
- 3) Unknown
- 4) Unknown
- 5) Unknown
- 6) At Baldor Gainesville Motor Plant (Qty 2)

7. DATE NONCONFORMANCE ASCERTAINED: October 20, 2008



Reliance Electric
P. O. Box 250, 4349 Avery Drive
Flowery Branch, GA 30542 USA
Tel 678.947.7350

- 8. DESCRIPTION OF DEFECT/NONCONFORMANCE:** Two motors (B9011320-010 T1 & T2) were returned for evaluation for visual endring heat damage found during a borescope motor inspection by Areva. The motors were tested upon return with satisfactory performance. However, the endrings were cracked with obvious heat damage and need to be replaced.
- 9. CORRECTIVE ACTION TAKEN:** Have notified Flowserve Quality Assurance. Through them we will initiate replacement of the motors identified as not on hand at our manufacturing plant. All affected rotors have been identified and recalled by way of this notification or scrapped. Rotors have been redesigned with thicker endrings to provide proper performance for customer specific application. Tests have been performed and results approved to meet the customer requirements.
- 10. ANY ADVICE RELATED TO DEFECT/NONCONFORMANCE:** The specific motors identified in section 4 should be removed from service.
- 11. INDIVIDUAL COMPLETING THIS REPORT**
James Thigpen
QA Manager, Baldor Electric
Gainesville, GA 30506
October 21, 2008