



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

December 17, 2008

To: Document Control Desk
United States Nuclear Regulatory Commission
Washington, DC 20555

Dear Sir or Madam:

In accordance with Title 10, Code of Federal Regulations, Part 21, Baldor Electric is making formal notification as required by 10CFR21.21 for event #44585.

A. Name and address of the individual informing the NRC.

James Thigpen
Quality Assurance Manager
Baldor Electric/Gainesville Motor Plant
4349 Avery Drive
Flowery Branch, Georgia 30506

B. Identification of Basic Component being Supplied.

AC Motor

C. Name of firm supplying basic component.

Baldor Electric/Gainesville Motor Plant
4349 Avery Drive
Flowery Branch, Georgia 30506

D. Nature of the defect, deviation, or failure to comply.

Subject: Nuclear Nonconformance Event Number 44585

This notice was issued because of two motors (B9011320-010 T1 & T2) 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.

FE191
NRR



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

STEPS TAKEN TO PREVENT FUTURE OCCURRENCES

We 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. 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.

Drawings have been changed to the larger end ring construction. Motors have been built, tested, and data has been submitted to Flowserve. Preliminary approval has been given but we are awaiting final approval of the design before we ship replacement motors to Flowserve.

CONCLUSION

The potential problem of inadequate rotor endring thickness is confined to motors built at the Gainesville facility using electrical designs E2046A-A-001 & E2047A-A-001. Even though there is no guarantee that the motors will fail, we also cannot guarantee that the motors will not fail. Therefore, Baldor Electric believed that customer notification of the potential failure was justified. All motors with a potential problem have been identified by sales order number and our customer has been notified. Our customer, Flowserve/Limitorque, has in turn notified each end user. Every effort will be made to satisfy the end user and to accommodate their timeframe to successfully eliminate potential premature motor failure due to inadequate rotor endring design.

D. The Discovery Date.

October 20, 2008.

E. The Quantity and Location of Motors Affected.

PART/COMPONENT NUMBER:

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



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

	1	2	3	4	5	6
Flowserve PO #	156839	159947	161613	161922	162360	163564
End User/Sold to:	Duke Power	Areva	Duke Power	Areva	Areva	Areva/Flowserve
Motor P/N	R-390-F03-082100040	R-390-F03-0821	R-390-F03-082100040	R-280-F04-0800	R-390-F04-0821	R-390-F04-0821
Motor S/N	7443075-001 T1	7523757-001 T1 & T2	B9003740-010 T1	B376441-010 T1	B9006512-010 T1	B9011320-010 T1 & T2
Customer PO#	72045	76226	78317	77785	79369	80944
Shipped On:	11/30/07	09/10/08	06/20/08	07/21/08		
Contaminated	NO	NO	NO	NO	NO	NO
Status	Motor has been returned to Flowserve on RMA 506770	Both motors are at AREVA	Motor has been returned to Flowserve on RMA 506772	Motor is waiting to be returned from PPL	Motor is at AREVA	At RGG for rotor replacement

F. The Corrective Action which has been completed.

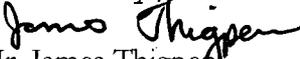
Baldor initiated corrective action RGGCAR-262 on October 23, 2008 which was completed and received final approval by James Thigpen QA manager Baldor. Final verification of actions will be and verified by 3/18/2009 at the 90 day review for effectiveness.

G. Other Information.

Replacement motor orders are in process for the eight recalled motors.

Return Authorizations have been issued for all motors by Flowserve or Areva. Jeff McConkey, Flowserve QA manager, indicates that all eight motors are in their possession or in transit to them for return to Baldor. Orders for new motors are in process to be shipped to Flowserve as replacement motors for those motors recalled. Shipments will be done after final design approval by Flowserve.

Sincerely,


 Mr. James Thigpen

Quality Assurance Manager, Gainesville Motor Plant
 Baldor Electric Co.