



U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

DCS-NRC-000429  
26 July 2016

Subject: Docket Number 070-03098  
CB&I AREVA MOX Services  
Mixed Oxide Fuel Fabrication Facility  
Updated Interim Report Notification: Byers Precision Fabricators


Reference: 1. DCS-NRC-000424, letter from CB&I AREVA MOX Services to NRC, dated April 26, 2016, Updated Interim Report Notification: Byers Precision Fabricators

This letter provides an updated interim report in accordance with §21.21 concerning an evaluation being performed by CB&I AREVA MOX Services, LLC (MOX Services) regarding a nonconformance identified at the Mixed Oxide Fuel Fabrication Facility. The nonconformance being evaluated pertains to vendor application of standard welding procedure specifications during fabrication of six gloveboxes. This issue was previously described in an updated interim report submitted by letter dated April 26, 2016 (Reference 1).

Evaluation of reportability in accordance with §21.21 is not able to be completed within the extended evaluation period. Post qualification of the welding procedures used has been completed. Corrective action and nonconformance resolutions are being completed and reviewed. Based on the data completed to date there is confidence that this issue would not have affected IROFS functionality, however, additional time is required to collect and evaluate the remaining documentation and to complete the evaluation. It is currently expected that the evaluation of this condition will be completed by 30 November 2016.

If you have any questions, please feel free to contact me at (803) 442-6485 or our Licensing and Nuclear Safety Manager, Dealis Gwyn, at (803) 819-2780.

Sincerely,



Gilles ROUSSEAU  
COO.

David Del Vecchio  
President and Project Manager

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DCS-NRC-000429  
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Page 2 of 2

Enclosure:

Updated Interim Report Notification Information per §21.21

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**Enclosure**

**Updated Interim Report Notification Information per §21.21**

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- (i) Name and address of the individual or individuals informing the Commission.

David Del Vecchio  
President and Project Manager  
CB&I AREVA MOX Services  
Savannah River Site  
P.O. Box 7097  
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- (ii) Identification of the facility, the activity, or the basic component supplied for such facility which fails to comply or contains a defect.

The Mixed Oxide Fuel Fabrication Facility is evaluating a nonconforming condition associated with vendor non-adherence to standard welding procedure specifications during fabrication of six gloveboxes. No basic components have been determined to contain a defect.

- (iii) Identification of the firm constructing the facility or supplying the basic component which fails to comply or contains a defect.

No basic components have been determined to contain a defect. This is an interim report. The six gloveboxes were supplied to MOX Services as a basic component by Byers Precision Fabricators, Inc. 675 Dana Road, Hendersonville, NC 28792.

- (iv) Nature of the defect or failure to comply and the safety hazard which is created or could be created by such defect or failure to comply.

No basic components have been determined to contain a defect. This is an interim report. MOX Services is evaluating vendor non-adherence to standard welding procedure specifications during fabrication of six gloveboxes.

- (v) The date on which the information of such defect or failure to comply was obtained.

Information related to the nonconforming welding procedures was provided to MOX Services by Byers Precision Fabricators on October 29, 2015.

- (vi) In the case of a basic component which contains a defect or fails to comply, the number and location of these components in use at, supplied for, being supplied for, or may be supplied for, manufactured, or being manufactured for one or more facilities or activities subject to the regulations in this part.

MOX Services does not possess information as to whether other facilities have been supplied a similar basic component by Byers Precision Fabricators.

- (vii) The corrective action, which has been, is being, or will be taken; the name of the individual or organization responsible for the action; and the length of time that has been or will be taken to complete the action.

No basic components have been determined to contain a defect. This is an interim report. MOX Services engineering anticipates completion of our Part 21 reportability evaluation by 30 November 2016.

- (viii) Any advice related to the defect or failure to comply about the facility, activity, or basic component that has been, is being, or will be given to purchasers or licensees.

None at this time.

- (ix) In the case of an early site permit, the entities to whom an early site permit was transferred.

Not applicable.