General Information or Other (PAR) Event # 44119

Rep Org:	SHAW AREVA MOX SERVICES, LLC	**Notification Date / Time:**	04/04/2008 14:30 (EDT)
Supplier:	ENERGY & PROCESS CORPORATION	**Event Date / Time:**	02/06/2008 (EDT)
		Last Modification:	04/04/2008
Region:	1	**Docket #:**	070-0309
City:	AIKEN	**Agreement State:**	Yes
County:		**License #:**	
State:	SC		
NRC Notified by:	DAVID STINSON	**Notifications:**	SAM HANSELL R1
HQ Ops Officer:	JOHN KNOKE		CAROLYN EVANS R2
Emergency Class:	NON EMERGENCY		JOHN JANKOVICH FSME
10 CFR Section:			
21.21	UNSPECIFIED PARAGRAPH		

PART 21 - REINFORCING BARS BELOW ACI STANDARDS

"The purpose of this letter is to inform the NRC Operations Center that Shaw AREVA MOX Services, LLC (MOX Services) has identified a deviation associated with reinforcing bar supplied by Energy and Process Corporation (E&P).

"The condition involves reinforcing bars (rebar) supplied by E&P that have a bend radius below the minimum specified by ACI Standard 315-99 and ACI Standard 349-97. The condition was initially observed on 06 February 2008. The extent of condition determination found that a significant portion of bent rebar in all sizes failed to meet the minimum bend radius specified by ACI Standard 315-99 and ACI Standard 349-97. Based on this finding, it was concluded that a similar nonconforming population could be present embedded in those areas of the plant where concrete had already been poured.

"MOX Services has determined that the IROFS [Item Relied On For Safety] function of the BMF structure was not diminished by the rebar installed in concrete poured to date and that a substantial safety hazard would not result in the MFFF [Mixed Oxide Fuel Fabrication Facility] if the deviation had not been discovered. For industry awareness, we have conservatively chosen to report this deviation under the provisions of 10 CFR 21.21(d)(3)(i)."

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IE20
NMSS

Shaw | AREVA
MOX SERVICES, LLC

Facsimile

To: NRC Operations Center

From: D. Yates

Fax: 301-816-5151

Pages (including cover): 3

Phone: 301-816-5100

Date: 4/4/08

cc:

Fax:

Re: Notification per 10CFR 21.21(d)(3)(i)

Phone: 803-819-8668

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply

Shaw | AREVA
MOX SERVICES, LLC

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555

04 April 2008
DCS-NRC-000218

Subject: Docket Number 070-03098
Shaw AREVA MOX Services, LLC
Mixed Oxide Fuel Fabrication Facility (MFFF)
Notification under the Provisions of 10 CFR 21.21(d)(3)(i)

The purpose of this letter is to inform the NRC Operations Center that Shaw AREVA MOX Services, LLC (MOX Services) has identified a deviation associated with reinforcing bar supplied by Energy and Process Corporation (E&P).

The condition involves reinforcing bars (rebar) supplied by E&P that have a bend radius below the minimum specified by ACI Standard 315-99 and ACI Standard 349-97. The condition was initially observed on 06 February 2008. The extent of condition determination found that a significant portion of bent rebar in all sizes failed to meet the minimum bend radius specified by ACI Standard 315-99 and ACI Standard 349-97. Based on this finding, it was concluded that a similar nonconforming population could be present embedded in those areas of the plant where concrete had already been poured.

MOX Services has determined that the IROFS function of the BMF structure was not diminished by the rebar installed in concrete poured to date and that a substantial safety hazard would not result in the MFFF if the deviation had not been discovered. For industry awareness, we have conservatively chosen to report this deviation under the provisions of 10 CFR 21.21(d)(3)(i).

Any questions you may have regarding this matter should be directed to Dealis Gwyn, Manager, Licensing and Regulatory Compliance at (803) 819-2780.

Sincerely,

David Stinson
President and COO

P. O. Box 7097, Aiken, SC 29804-7097/Savannah River Site, Road 2, Bldg. 730-2B, Aiken, SC 29808

KDS/DAY

cc:

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