



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,

A handwritten signature in black ink, appearing to read "David Stinson". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

David Stinson  
President and COO

IE20  
NM5501  
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cc:

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