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Q2

MS-16

October 31, 2013

**Certified Mail Return Receipt Requested**

Sattar Lodhi, Ph. D.  
Division of Nuclear Materials Safety  
U. S. Nuclear Regulatory Commission, Region I  
2100 Renaissance Boulevard, Suite 100  
King of Prussia, Pennsylvania 19406-2713

03606658

**Re: Control Number 582277, Follow-Up Question for Renewal Application, License  
No. 47-01542-01, Eagle Natrium, LLC, Axiall Corporation, Natrium Plant**


Dear Dr. Lodhi,

As requested during your phone conversation on October 18<sup>th</sup>, with Erika Baldauff, the Natrium Plant RSO, please find a written follow up response to your question regarding waste associated with Mercury 197 (<sup>197</sup>Hg) and Mercury 203 (<sup>203</sup>Hg) if those materials are removed from the material license.

There is no waste associated with the discontinuation of Mercury 203 and Mercury 197. Currently, none of these materials are on-site. The isotopes were previously utilized for conducting mercury inventory studies of electrolytic cells in our Chlor-Alkali plant based on isotopic dilution. The last study was conducted in 2009. During times when the studies were conducted, the contractor brought the materials on-site just prior to the event. All of the materials were then utilized or taken off-site by the contractor at the conclusion of each study.

If you have any questions regarding this information, please contact Erika Baldauff at (304) 455-2200, extension 3573.

Sincerely,

  
Jim Rock  
Works Manager

REC'D IN LAT

10/31/13

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NMSS/RGN1 MATERIALS-002