

Norma,

The attachment was too big and got rejected. I split the PDF into two files. Attached is Part 1 of 2.

**Wren Fowler**

*Director, Licensing*

*NAC International Inc.*

*Office: 678.328.1236*

*Email: [sfowler@nacintl.com](mailto:sfowler@nacintl.com)*

**From:** Fowler, Samuel W.

**Sent:** Wednesday, August 26, 2015 3:14 PM

**To:** 'Garcia-Santos, Norma' <[Norma.Garcia-Santos@nrc.gov](mailto:Norma.Garcia-Santos@nrc.gov)>

**Cc:** 'Torres, Ricardo' <[Ricardo.Torres@nrc.gov](mailto:Ricardo.Torres@nrc.gov)>; Carver, George <[gcarver@nacintl.com](mailto:gcarver@nacintl.com)>; Chapman, Deborah R. (Contractor) <[dchapman@nacintl.com](mailto:dchapman@nacintl.com)>

**Subject:** RE: REQUEST: NAC-STC--Missing References from RAI Submittal

Norma, attached is the paper. It is 16 MB in size.

**Wren Fowler**

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**From:** Fowler, Samuel W.

**Sent:** Wednesday, August 26, 2015 8:26 AM

**To:** 'Garcia-Santos, Norma' <[Norma.Garcia-Santos@nrc.gov](mailto:Norma.Garcia-Santos@nrc.gov)>

**Cc:** Torres, Ricardo <[Ricardo.Torres@nrc.gov](mailto:Ricardo.Torres@nrc.gov)>; Carver, George <[gcarver@nacintl.com](mailto:gcarver@nacintl.com)>; Chapman, Deborah R. (Contractor) <[dchapman@nacintl.com](mailto:dchapman@nacintl.com)>

**Subject:** RE: REQUEST: NAC-STC--Missing References from RAI Submittal

Hi Norma,

We will locate the reference for you all.

**Wren Fowler**

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*NAC International Inc.*

*Office: 678.328.1236*

*Email: [sfowler@nacintl.com](mailto:sfowler@nacintl.com)*

**From:** Garcia-Santos, Norma [<mailto:Norma.Garcia-Santos@nrc.gov>]

**Sent:** Wednesday, August 26, 2015 8:20 AM

**To:** Fowler, Samuel W. <[sfowler@nacintl.com](mailto:sfowler@nacintl.com)>

**Cc:** Torres, Ricardo <[Ricardo.Torres@nrc.gov](mailto:Ricardo.Torres@nrc.gov)>

**Subject:** REQUEST: NAC-STC--Missing References from RAI Submittal

Good morning Wren,

The staff needs some references mentioned in the documents submitted as part of your RAI responses::

**From response to RAI M-1-5**

Kimberly B. Colas, "Fundamental experiments on hydride reorientation in zircaloy",  
Doctoral Dissertation, 2012.

This is one of the new references used in support of the application and not previously submitted.

Let me know if you can provide this information in the next and feel free to contact me if you have questions about this request.

Thanks in advance,

*Norma Garcia Santos*

Project Manager  
Division of Spent Fuel Management  
Office of Nuclear Material  
Safety and Safeguards

Phone Number: (301) 415-6999

Email: [Norma.Garcia-Santos@nrc.gov](mailto:Norma.Garcia-Santos@nrc.gov)

**PROPERTIES**

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From: "Fowler, Samuel W." <sfowler@nacintl.com>  
To: "Garcia-Santos, Norma" <Norma.Garcia-Santos@nrc.gov>  
CC: "Torres, Ricardo" <Ricardo.Torres@nrc.gov>, "Carver, George"  
<gcarver@nacintl.com>, "Chapman, Deborah R. (Contractor)"  
<dchapman@nacintl.com>  
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