



**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS**  
Rhode Island Atomic Energy Commission  
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Narragansett, RI 02882-1165  
Telephone # 401-789-9391

Mr. Patrick Boyle, Project Manager  
Research and Test Reactors Licensing Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation  
United States Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

March 1, 2016

Re: Response to Requests for Additional Information Dated 3 September 2015  
Docket No. 50-193

Dear Mr. Boyle:

As you are aware, NRC submitted a request for additional information with regard to the Rhode Island Atomic Energy Commission facility re-licensing effort on 3 September 2015. In response, the following enclosures are attached:

- Enclosure 1 150903 RAI Responses 160301
- Enclosure 2 Core Change Summary for Conversion from RINSC LEU Core #5 to LEU Core #6
- Enclosure 3 Steady State Thermal-Hydraulic Analysis for Forced-Convective Flow in the Rhode Island Nuclear Science Center (RINSC) Reactor
- Enclosure 4 Letter Dated 15 March 2013 to Mr. William Kennedy
- Enclosure 5 Rhode Island Nuclear Science Center Transient Analyses Revised Jan. 20, 2016 by Arne P. Olson, ANL
- Enclosure 6 New Transient Analysis Results 160226
- Enclosure 7 Rhode Island Nuclear Science Center Technical Specifications February 26, 2016
- Enclosure 8 Fuel Failure Addendum 160229
- Enclosure 9 Fission Produce Yield Table
- Enclosure 10 RINSC Operating Procedure MP – 02 Emergency Air Filter Efficiency Test

If there is anything else that you need in order to proceed forward with this project, please do not hesitate to contact me.

Very truly yours,

Michael J. Davis  
Assistant Director  
Rhode Island Atomic Energy Commission

I certify under penalty of perjury that the representations made above are true and correct.

Executed on: 3/1/16

By: MICHAEL J. DAVIS

Docket No. 50-193

Enclosures: as stated