

April 14, 2009

U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852-2738

Attn: Document Control Desk

Subject: Request for Authorization to Use Updated License Drawings for TRIGA
Baskets in the NAC-LWT Cask

Docket No. 71-9225

- Reference:
1. Safety Analysis Report (SAR) for the NAC Legal Weight Truck Cask, Revision 39, NAC International, October 2008
 2. Model No. NAC-LWT Package, U.S. Nuclear Regulatory Commission (NRC) Certificate of Compliance (CoC) No. 9225, Revision 50
 3. 10 CFR 71.95 Report for Instances Where the Conditions of Approval in the Certificate of Compliance Were Not Followed During a Shipment, NAC International, October 2, 2008
 4. Follow-up to NAC 10 CFR 71.95 Report for Instances Where the Conditions of Approval in the Certificate of Compliance Were Not Followed During a Shipment, NAC International, January 30, 2009

NAC International (NAC) herewith requests authorization to use TRIGA and MTR baskets manufactured in accordance with updated license drawings in the NAC-LWT cask.

During the extent of condition investigation associated with the Corrective Action Report (CAR 08-01) described in References 3 and 4, two additional conditions were identified that had not been addressed in previous submittals of the affected license drawings. Both of these conditions involve a situation where, for small portions of a weld, the defined weld size and type cannot be achieved due to local hardware geometry. In these limited areas, seal welds have been provided. The identified conditions have no impact on the performance of the affected hardware. No component or system failed due to these conditions. The conditions did not have any safety consequences or implications. No individuals were exposed to radiation or radioactive material due to these conditions.

In order to provide clear depiction of the weld configuration for the affected baskets and to communicate detailed and complete requirements for the manufacturer and QA personnel accepting TRIGA and MTR baskets, NAC has revised the following drawings to clarify that some welds may be seal welds in certain places where the hardware geometry does not allow the identified weld call-out to be achieved.



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A delta note indicating that part of the weld may be a seal weld has been added to all the affected drawings and the delta note call-out has been added to all welds to which the note applies. This clarifies the weld configuration for the affected welds.

The following NAC-LWT license drawings have been revised for completeness and are included with this transmittal letter:

<u>Drawing No.</u>	<u>Rev. No.</u>	<u>Basket Type</u>
315-40-045	6	MTR - 42
-046	6	
-047	6	
315-40-049	6	MTR - 28
-050	6	
-051	6	
315-40-070	6	TRIGA (Nonpoisoned)
-071	6	
-072	6	
315-40-080	4	TRIGA (Poisoned)
-081	4	
-082	4	
315-40-090	4	MTR - 35
-091	4	
-092	4	

Authorization is requested to use the TRIGA and MTR baskets manufactured in accordance with the above-listed license drawings for a period of 12 months.

This request for authorization is submitted in support of an upcoming domestic Research Reactor fuel shipment and a Foreign Research Reactor (FRR) fuel shipment within the U.S. Department of Energy National Nuclear Security Administration FRR fuel acceptance program. Therefore, authorization is being requested by May 22, 2009. NAC will include these revised drawings in its next amendment request for the model NAC-LWT cask.

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If you have any comments or questions, please contact me on my direct line at 678-328-1274.

Sincerely,



Anthony L. Patko
Director, Licensing
Engineering

Enclosure

DRAWINGS WITHHELD UNDER 10 CFR 2.390