



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

October 3, 2016

Mr. Ahmad M. Al-Daouk, Director
Office of Packaging and Transportation
U.S. Department of Energy
National Nuclear Security Administration
P.O. Box 5400
Albuquerque, NM 87185

SUBJECT: APPLICATION FOR THE MODEL NO. 435-B TRANSPORT PACKAGE,
REVISION 1 – ACCEPTED FOR REVIEW (CAC NO. L25126)

Dear Mr. Al-Daouk:

By letters dated June 9, 2016, and August 25, 2016, you submitted an application for revising Certificate of Compliance No. 9355, for the Model No. 435-B transport package. The package design allows to transport beta sources, gamma sources, and very small neutron sources. The application proposes making the following changes to the design of the Model No. 435-B package:

- 1) Change aluminum alloy temper to T6;
- 2) Delete ^{226}Ra and $^{226}\text{RaBe}$ contents, including related information in the application;
- 3) Changes to drawing No. 1916-01-01-SAR, Sheets 1, 2, and 6;
- 4) Changes to drawing No. 1916-01-02-SAR, Sheets 1 and 2; and
- 5) Add tack and intermittent welds to exemption liquid penetrant examination.

The package is designed with a leak tight containment that can be transported singly by air, ground, or water in non-exclusive use.

The staff performed an acceptance review of your application to determine if the application contains sufficient technical information in scope and depth to allow the staff to complete a detailed technical review. With the information supplied on August 25, 2016, the application appears to contain the information needed for our technical review.

We have established a schedule for the review and estimated that the staff may need approximately 130 hours to complete its review. The schedule allows for the staff to issue the first request for additional information (RAI) in October 2016 and, if a second RAI is not needed, a certificate of compliance in December 2016, based on you responding to the first RAI in early November 2016. In general, no additional changes to the application should be submitted except for changes resulting from your response to an RAI.

If you have any questions regarding this matter, please contact me at (301) 415-6999.

Sincerely,

/RA/

Norma Garcia-Santos, Project Manager
Spent Fuel Licensing Branch
Division of Spent Fuel Management
Office of Nuclear Material Safety
and Safeguards

Docket No. 71-9355
CAC No. L25126

If you have any questions regarding this matter, please contact me at (301) 415-6999.

Sincerely,

/RA/

Norma Garcia-Santos, Project Manager
Spent Fuel Licensing Branch
Division of Spent Fuel Management
Office of Nuclear Material Safety
and Safeguards

Docket No. 71-9355
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ADAMS P8 Accession No.: ML16278A018

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| OFC/DIV: | DSFM | DSFM | DSFM |
| NAME: | NGarcia Santos | WWheatley By E-mail | JMcKirgan |
| DATE: | 9/27/16 | 9/27/16 | 10/3/16 |

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