

Part 21 (PAR)

Event # 47895

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| <b>Rep Org:</b> ENERGY SOLUTIONS         | <b>Notification Date / Time:</b> 05/03/2012 11:02 (EDT) |
| <b>Supplier:</b> ENERGY SOLUTIONS        | <b>Event Date / Time:</b> 05/03/2012 (MDT)              |
|  | <b>Last Modification:</b> 05/03/2012                    |
| <b>Region:</b> 4                         | <b>Docket #:</b>  |
| <b>City:</b> SALT LAKE CITY              | <b>Agreement State:</b> Yes                             |
| <b>County:</b>                           | <b>License #:</b>                                       |
| <b>State:</b> UT                         |   |
| <b>NRC Notified by:</b> DAN SHRUM        | <b>Notifications:</b> GREG WERNER R4DO                  |
| <b>HQ Ops Officer:</b> PETE SNYDER       | RICHARD CONTE R1DO                                      |
| <b>Emergency Class:</b> NON EMERGENCY    | DEBORAH SEYMOUR R2DO                                    |
| <b>10 CFR Section:</b>                   | MARK RING R3DO  |
| 21.21(d)(3)(i) DEFECTS AND NONCOMPLIANCE | PART 21 REACTOR GRP EMAIL                               |
|  | PART 21 MATERIALS GR EMAIL                              |

SHIPPING CASKS TAKEN OUR OF SERVICE FOR ACCIDENT SCENARIO NOT PREVIOUSLY ANALYZED

"This serves as notification of a regulatory compliance issue with the 10-160B Type B Cask (Certificate of Compliance #9204) and the 8-120B Type B Cask (Certificate of Compliance #9168). This notification is being made in accordance with 10 CFR Part 21.21(d)(3)(i). These casks have been administratively placed out of service as Type B Packages until a complete determination can be made by Energy Solutions and the Nuclear Regulatory Commission (NRC).

"As part of the relicensing of new 8-120B Casks, Energy Solutions identified a hypothetical accident scenario required by 10 CFR 71 which was not previously analyzed as part of the original or ongoing licensing activities. This analysis confirmed that the current cask design does not comply with the Type B package requirement for this specific accident scenario. The 10-160B has a similar design. As such, the casks have been placed out of service. Energy Solutions initiated Condition Report ENG-CR12-018 to track this issue.

"In accordance with 10 CFR Part 21.21(d)(4), Energy Solutions will provide written notification to the NRC within 30 days with additional information including corrective actions."

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IE20  
NMSS

ATTN:

FROM: Karen Kirkwood

DATE: May 03, 2012  
SUBJECT: Required Notification to NRC  
JOB: 9130

ATTACH: "Required Notification to NRC.pdf"

This Fax Originated From a Biscom 'Faxcom'.

MEMO:.....

This is being sent on behalf of Dan Shrum, EnergySolutions.

Karen Kirkwood  
Administrative Assistant of Regulatory Compliance  
EnergySolutions  
423 West 300 South, Suite 200  
Salt Lake City, UT 84101  
Phone: 801-649-2146  
Fax: 801-413-5646



*Fax Cover Sheet*

**Date:** May 3, 2012

**To:** Operations Center

**From:** Dan Shrum

**Company:** Nuclear Regulatory Commission

**Phone:** (301) 816-5100

**Phone:** 801-649-2000

**Fax:** (301) 816-5151

**Fax:** 801-416-5646

**Re:** Required Notification

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**Number of pages including cover sheet:** 2

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**Message:** See attached notification

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[www.energysolutions.com](http://www.energysolutions.com)



**Date:** May 3, 2012

**Notification To:** NRC, Operations Center (301) 816-5100

**Notification From:** Dan Shrum, EnergySolutions Senior Vice President,  
Regulatory Affairs

*See McClellan  
for Dan Shrum  
5/3/12*

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