



NUCLEAR FUEL SERVICES, INC.
a subsidiary of The Babcock & Wilcox Company

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21G-10-0244
GOV-01-55-04
ACF-10-0343
December 17, 2010

Director, Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

References: 1) Docket No. 70-143; SNM License 124
2) Letter from NFS to NRC, dated July 14, 2010, "Request to Release Performance Bond for BAST/KAST Equipment" (21G-10-0139)
3) Letter from NRC to NFS, dated October 29, 2010, "Request for Additional Information Concerning Release of a Performance Bond" (TAC NO. L33007)

Subject: Response to Request for Additional Information Concerning Release of Performance Bond for BAST/KAST Equipment

Nuclear Fuel Services, Inc. (NFS) hereby submits the attached response to the October 29, 2010, request for additional information (Reference 3) regarding the request that NRC inform and direct ACSTAR Insurance Company (ACSTAR) to release Bond Number 00000463793 in the amount of \$525,000.00. The decommissioning work for which the bond had been established as financial assurance pursuant to the NRC regulations has been accomplished.

If you or your staff have any questions, require additional information, or wish to discuss this, please contact me, or Mr. Rik Droke, Senior Regulatory Advisor, at (423) 743-1741. Please reference our unique document identification number (21G-10-0244) in any correspondence concerning this letter.

Sincerely,

NUCLEAR FUEL SERVICES, INC.

Mark P. Elliott, Director
Quality, Safety, and Safeguards

JKW/pdj
Attachments

Copy:

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Washington, D.C. 20555

Mr. Galen Smith
Senior Resident Inspector
U.S. Nuclear Regulatory Commission

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**Attachment 1
Response to RAI**

2 pages to follow

RESPONSE TO RAI

RAI Question 1

Provide survey reports, shipping papers, or other documents which confirm that the KAST/BAST equipment was removed from the site and that radiation/contamination levels in Building 301 were acceptable after the work was complete.

The Status Report requests the U.S. Nuclear Regulatory Commission (NRC) to certify that the decommissioning work was completed and it was satisfactory. Despite the certification provided by Nuclear Fuel Services (NFS), we are unaware of any documentation which confirms the shipment of the equipment from the site and which confirms radiation/contamination levels in Building 301 after the equipment was removed.

This information is needed to provide a basis for finding that decommissioning financial assurance is no longer required for this equipment under Title 10 of the *Code of Federal Regulations* (10 CFR) Part 70.25.

NFS Response

NFS uses an internal shipment tracking log to record the container number (intermodal or trailer), the shipment number, a short description of the contents of the container, when the shipment left NFS, and scheduled delivery date of the shipment to the disposal site. The log entries for the waste generated from the removal of the KAST/BAST equipment from Building 301 can be found in Attachment 2. All shipments related to the KAST/BAST equipment have left the NFS site and have been received at the disposal site. Several examples of related waste manifest shipping papers that demonstrate receipt of the shipment can also be found in Attachment 2. The remaining waste manifest shipping papers are available for review at the NFS site.

Transferable alpha and beta surveys were performed throughout the equipment removal and the follow-on construction phases of the project. At the point equipment was removed from Building 301 and new equipment was being installed, the accessible surfaces were essentially clean, with no contamination above clean area limits. Survey records are available for review at the NFS site.

RAI Question 2

Confirm that ACSTAR Insurance Company will accept a statement that NRC finds the decommissioning of the KAST/BAST equipment to be acceptable and has no objection to releasing the performance bond.

The two documents that NRC is requested to sign contain inaccurate and misleading information. The Status Report implies that NFS was working under contract to NRC. The NRC conducted regulatory oversight, but was not involved in the management of contracts associated with this work. In addition, the Bond Release contains a notary

attestation which refers to NRC as a "corporation." The NRC is a Federal regulatory agency, not a corporation.

Any statement signed by an NRC official must be complete and accurate. We would prefer to provide a letter instead of signing the documents provided in the request.

NFS Response

A representative of ACSTAR Insurance Company has confirmed that a letter from NRC to ACSTAR Insurance Company will be acceptable. The letter must be an original, and should contain the justification for not completing the form. The justification as provided in the NRC's RAI question would be sufficient.

RAI Question 3

Confirm that no other financial instruments are payable to the standby trust established by Standby Trust Agreement, dated August 7, 1996.

The NFS's cover letter, dated July 14, 2010, states that "...the release of the referenced bond will terminate the need for the associated Standby Trust Agreement." Schedule B to the Standby Trust referenced in Attachment C lists only the ACSTAR Bond as payable to this particular Standby Trust. The staff infers that NFS intends to cancel the Standby Trust Agreement date August 7, 1996. Confirm that the only instrument payable to the standby trust is the ACSTAR performance bond.

This information is needed to verify compliance with 10 CFR, Part 70.25(f) which requires, in part, that certain financial instruments be payable to a standby trust.

NFS Response

NFS has reviewed the active financial assurance instruments, and no other instruments refer to the Standby Trust Agreement dated August 7, 1996. Therefore, NFS intends to cancel this standby trust at the conclusion of this action.

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Attachment 2
Internal Shipment Tracking Log
And
Waste Manifest Examples

10 pages to follow

Internal Shipment Tracking

Batch No/ Descript.	Shipment Number	Issued To	Status	Container/ Trailer#	Ship Date	Scheduled Delivery	Clerk Manifest	EOU Manifest	Cost center
301 Debris	0318-01-2131	AKR	Shipped	2377	12/12/06	01/03/07	*		
306 Trash D	0318-01-2132	AKR	Shipped	1356	12/12/06	01/03/07	*		
WW/MISC IM	0318-01-2133	AKR	Shipped	1291	12/14/06	01/04/07	*		
301 Debris	0318-01-2134	AKR	Shipped	1375	12/19/06	01/05/07	*		
WW/MISC IM	0318-01-2135	AKR	Shipped	1791	12/21/06	01/09/07	*	*	
WWTF	0318-05-0107	AKR	Shipped	111257	01/22/07	02/05/07	*	*	
WWTF	0318-05-0108	AKR	Shipped	111399	12/20/06	01/08/07	*		
301 Debris	0318-01-2136	AKR	Shipped	1668	12/20/06	01/08/07	*	*	
BB062/CD019	0318-01-2137	AKR	Shipped	635067	01/17/07	01/22/07	*	*	
WW/MISC IM	0318-01-2138	AKR	Shipped	1384	01/22/07	02/05/07	*	*	
WW/MISC IM	0318-01-2139	AKR	Shipped	1940	01/22/07	02/05/07	*	*	
WW/MISC IM	0318-01-2140	AKR	Shipped	1974	01/22/07	02/05/07	*	*	
301 Debris	0318-01-2141	AKR	Shipped	2080	01/24/07	02/14/07	*	*	
306 Trash Z	0318-01-2142	AKR	Shipped	1885	01/25/07	02/15/07	*	*	
306 Trash X	0318-01-2143	AKR	Shipped	1842	02/09/07	02/16/07	*	*	
301 Chemicals	0318-01-2144	AKR							
105 IM	0318-01-2145	AKR	Shipped	1954	02/09/07	02/16/07	*	*	
301/105 IM	0318-01-2146	AKR	Shipped	1973	02/22/07	03/16/07	*	*	
WWTF	0318-05-0109	AKR	Shipped	635215	03/07/07	03/12/07	*	*	
LabFuel036	0318-01-2147	AKR	Shipped	1831	03/09/07	03/23/07	*	*	
WW/MISC IM	0318-01-2148	AKR	Shipped	2042	03/14/07	03/28/07	*	*	
WWTF	0318-05-0110	AKR	Shipped	636543	03/21/07	03/26/07	*	*	
FMFCD-021	0318-01-2149	AKR	Shipped	636543	03/21/07	03/26/07	*	*	
WWTF IM	0318-05-0111	AKR	Shipped	111239	04/03/07	04/24/07	*	*	
FMFCD-022	0318-01-2150	AKR	Shipped	636523	03/28/07	04/02/07	*	*	
FMFCD-023	0318-01-2151	AKR	Shipped	637112	04/13/07	04/18/07	*	*	
WWTF	0318-05-0112	AKR	Shipped	637112	04/13/07	04/18/07	*	*	
WWTF	0318-05-0113	AKR	Shipped	54336	04/20/07	04/25/07	*	*	
BB063/CD024	0318-01-2152	AKR	Shipped	54336	04/20/07	04/25/07	*	*	
LabFuel038	0318-01-2153	AKR	Shipped	1737	05/04/07	05/25/07	*	*	
301/Mix	0318-01-2154	AKR	Shipped	1981	05/04/07	05/25/07	*	*	
BB064/CD025	0318-01-2155	AKR	Shipped	54463	05/16/07	05/21/07	*	*	
WWTF	0318-05-0114	AKR	Shipped	54463	05/16/07	05/21/07	*	*	
WWTF	0318-05-0115	AKR	Shipped	53817	05/31/07	06/04/07	*	*	
FMFBB-065	0318-01-2156	AKR	Shipped	53817	05/31/07	06/04/07	*	*	

Internal Shipment Tracking

Batch No/ Descript.	Shipment Number	Issued To	Status	Container/ Trailer#	Ship Date	Scheduled Delivery	Clerk Manifest	EOU Manifest	Cost center
WWTF	0318-05-0116	AKR	Shipped	L5442	06/08/07	06/12/07	*		
BB066/CD026	0318-01-2157	AKR	Shipped	L5442	06/08/07	06/12/07	*		
306 Trash	0318-01-2158	AKR	Shipped	1596	06/06/07	06/26/07	*		
311 Trash	0318-01-2159	AKR	Shipped	2409	06/06/07	06/26/07	*		
WWTF	0318-05-0117	AKR	Shipped	54540	06/20/07	06/25/07	*		
BB067/CD027	0318-01-2160	AKR	Shipped	54540	06/20/07	06/25/07	*		
306 Trash	0318-01-2161	AKR	Shipped	2384	06/20/07	07/11/07	*		
301 NFS	0318-01-2162	AKR	Shipped	2325	06/27/07	07/17/07	*	*	
LabFeul037	0318-01-2163	AKR	Shipped	2076	06/20/07	07/11/07	*		
306 Trash	0318-01-2164	AKR	Shipped	1679	06/21/07	07/11/07	*		
301 NFS	0318-01-2165	AKR	Shipped	1838	07/18/07	08/01/07	*	*	
301 NFS	0318-01-2166	AKR	Shipped	2211	07/18/07	08/01/07	*	*	
301 NFS	0318-01-2167	AKR	Shipped	1452	07/17/07	08/01/07	*	*	
306 Trash	0318-01-2168	AKR	Shipped	2162	07/23/07	08/15/07	*	*	
301 NFS	0318-01-2169	AKR	Shipped	1384	09/13/07	09/27/07	*	*	
FMFBB 068	0318-01-2170	AKR	Shipped	54569	09/21/07	09/26/07	*	*	
WWTF	0318-05-0118	AKR	Shipped	54569	09/21/07	09/26/07	*	*	
FMFCD-028	0318-01-2171	AKR	Shipped	54192	09/27/07	10/01/07	*	*	
WWTF	0318-05-0119	AKR	Shipped	54192	09/27/07	10/01/07	*	*	
301 NFS	0318-01-2173	AKR	Shipped	1808	10/05/07	10/26/07	*	*	
WWTF	0318-05-0120	AKR	Shipped	53725	10/19/07	10/23/07	*	*	
FMFCD-029	0318-01-2174	AKR	Shipped	53725	10/19/07	10/23/07	*	*	
Mix IM	0318-01-2175	AKR	Shipped	1561	10/10/07	10/31/07	*	*	
Lauren IM	0318-01-2176	AKR	Shipped	1387	10/10/07	10/31/07	*	*	
306 Trash	0318-01-2177	AKR	Shipped	2406	11/09/07	11/30/07	*	*	
Lauren Trash	0318-01-2178	AKR	Shipped	1848	11/19/07	12/10/07	*	*	
WWTF	0318-05-0121	AKR	Shipped	635266	12/04/07	12/10/07	*	*	
FMFBB 069	0318-01-2179	AKR	Shipped	635266	12/04/07	12/10/07	*	*	
WWTF	0318-05-0122	AKR	Shipped	53732	12/06/07	12/13/07	*	*	
FMFBB 070	0318-01-2180	AKR	Shipped	53732	12/06/07	12/13/07	*	*	
WWTF	0318-05-0123	AKR	Shipped	636545	12/21/07	01/03/08	*	*	
FMFBB071	0318-01-2181	AKR	Shipped	636545	12/21/07	01/03/08	*	*	
FMFBB072	0318-01-2182	AKR	Shipped	7413	01/16/08	01/21/08	*	*	
WWTF	0318-05-0124	AKR	Shipped	7413	01/16/08	01/21/08	*	*	
306Trash	0318-01-2183	AKR	Shipped	1369	01/16/08	02/06/08	*	*	

Internal Shipment Tracking

Batch No/ Descript.	Shipment Number	Issued To	Status	Container/ Trailer#	Ship Date	Scheduled Delivery	Clerk Manifest	EOU Manifest	Cost center
WWTF	0318-05-0125	AKR	Shipped	7229	01/23/08	01/28/08	*	*	
BB073/CD030	0318-01-2184	AKR	Shipped	7229	01/23/08	01/28/08	*	*	
301 NFS	0318-01-2185	AKR	Shipped	1880	01/22/08	02/19/08	*	*	Sheet
WWTF	0318-05-0126	AKR	Shipped	7282	02/06/08	02/11/08	*	*	4890
FMFBB-074	0318-01-2186	AKR	Shipped	7282	02/06/08	02/11/08	*	*	Sheet
306 Trash/mix	0318-01-2187	AKR	Shipped	1206	02/08/08	03/07/08	*	*	Sheet
301 Roof	0318-01-2188	AKR	Shipped	1862	02/13/08	03/13/08	*	*	4227-1972-3100
301 Roof	0318-01-2189	AKR	Shipped	2129	02/08/08	03/07/08	*	*	4227-1972-3100
Lauren/mix	0318-01-2190	AKR	Shipped	2210	02/08/08	03/07/08	*	*	Sheet
105Roof Mix	0318-01-2191	AKR	Shipped	1357	02/08/08	03/07/08	*	*	Sheet
WWTF	0318-05-0127	AKR	Shipped	7002	02/14/08	02/19/08	*	*	4890
FMFBB-075	0318-01-2192	AKR	Shipped	7002	02/14/08	02/19/08	*	*	Sheet
301 Roof	0318-01-2193	AKR	Shipped	1805	02/27/08	03/11/08	*	*	4227-1972-3100
301 CDL	0318-01-2194	AKR	Shipped	2162	02/29/08	03/13/08	*	*	4227-1972-6100
301 Roof	0318-01-2195	AKR	Shipped	1846	02/28/08	03/12/08	*	*	4227-1972-3100
WW Mix	0318-01-2196	AKR	Shipped	1990	02/27/08	03/11/08	*	*	Sheet
301 CDL	0318-01-2197	AKR	Shipped	2042	02/27/08	03/11/08	*	*	4227-1972-6100
301 Roof	0318-01-2198	AKR	Shipped	2271	02/27/08	03/11/08	*	*	4227-1972-3100
301 Roof	0318-01-2199	MAC	Shipped	1604	03/07/08	03/28/08	*	*	4227-1972-3100
306 CDL Mix	0318-01-2200	MAC	Shipped	1234	03/26/08	04/16/08	*	*	
WWTF	0318-05-0128	AKR	Shipped	7084	03/25/08	03/31/08	*	*	4890
FMFBB-076	0318-01-2201	AKR	Shipped	7084	03/25/08	03/31/08	*	*	4129-2035
306 CDL Mix	0318-01-2202	MAC	Shipped	1854	03/19/08	04/09/08	*	*	Sheet
301 Roof	0318-01-2203	AKR	Shipped	1973	03/28/08	04/18/08	*	*	4227-1972-3100
105 Roof	0318-01-2204	AKR	Shipped	2149	03/26/08	04/16/08	*	*	4600
306 Trash	0318-01-2172	AKR	Shipped	1737	03/28/08	04/28/08	*	*	Sheet
301 Roof	0318-01-2205	AKR	Shipped	1569	03/28/08	04/28/08	*	*	4227-1972-3100
306/Mix	0318-01-2206	AKR	Shipped	1441	04/07/08	04/28/08	*	*	Sheet
105 Lab	0318-01-2207	AKR	Shipped	1831	04/04/08	04/25/08	*	*	4600
Jay's Sacks	0318-01-2208	AKR	Shipped	1838	04/04/08	04/25/08	*	*	4870 EQ08
105/CDL	0318-01-2209	AKR	Shipped	1993	04/07/08	04/28/08	*	*	Sheet
WWTF	0318-05-0129	AKR	Shipped	7035	04/21/08	04/25/08	*	*	4890
306 Trash/CDL	0318-01-2210	AKR	Shipped	1903	04/11/08	05/02/08	*	*	Sheet
BB077/CD031	0318-01-2212	AKR	Shipped	7035	04/21/08	04/25/08	*	*	Sheet
Lab Fuel 040	0318-01-2211	AKR	Shipped	2392	04/21/08	05/12/08	*	*	4128-1959

Internal Shipment Tracking

Batch No/ Descript.	Shipment Number	Issued To	Status	Container/ Trailer#	Ship Date	Scheduled Delivery	Clerk Manifest	EOU Manifest	Cost center
301 Roof	0318-01-2213	AKR	Shipped	1840	04/23/08	05/14/08	*	*	4227-1972-3100
301 CDL	0318-01-2214	AKR	Shipped	2390	04/30/08	05/21/08	*	*	4227-1972-3100
FMFBB-078	0318-01-2215	AKR	Shipped	7197	05/14/08	05/19/08	*	*	Sheet
WWTF	0318-05-0130	AKR	Shipped	7197	05/14/08	05/19/08	*	*	4890
301 CDL	0318-01-2216	AKR	Shipped	2296	05/15/08	06/05/08	*	*	4227-1972-3100
306 Trash	0318-01-2217	AKR	Shipped	1679	05/22/08	06/12/08	*	*	Sheet
301 CDL	0318-01-2218	AKR	Shipped	2179	05/22/08	06/12/08	*	*	4227-1972-3100
FMFBB-079	0318-01-2219	AKR	Shipped	7320	06/10/08	06/16/08	*	*	Sheet
WWTF	0318-05-0131	AKR	Shipped	7320	06/10/08	06/16/08	*	*	4890
301 CDL	0318-01-2220	AKR	Shipped	2162	06/06/08	06/27/08	*	*	4227-1972-3100
WWTF	0318-05-0132	AKR	Shipped	7280	06/18/08	06/23/08	*	*	4890
BB080/CD032	0318-01-2222	AKR	Shipped	7280	06/18/08	06/23/08	*	*	Sheet
306Mix	0318-01-2221	AKR	Shipped	1970	06/18/08	07/05/08	*	*	Sheet
105Mix	0318-01-2223	AKR	Shipped	1831	06/18/08	07/05/08	*	*	Sheet
105Mix	0318-01-2224	AKR	Shipped	1452	06/18/08	07/05/08	*	*	Sheet
301CDL	0318-01-2225	AKR	Shipped	2269	06/18/08	07/05/08	*	*	4227-1972-3100
WWTF	0318-05-0133	AKR	Shipped	7248	07/02/08	07/09/08	*	*	4890
BB081/CD033	0318-01-2226	AKR	Shipped	7248	07/02/08	07/09/08	*	*	Sheet
301CDL	0318-01-2227	AKR	Shipped	1356	07/02/08	07/24/08	*	*	4227-1972-3100
301CDL	0318-01-2228	AKR	Shipped	1818	07/07/08	07/30/08	*	*	4227-1972-3100
BB082	0318-01-2229	AKR	Shipped	7308	07/23/08	07/28/08	*	*	Sheet
WWTF	0318-05-0134	AKR	Shipped	7308	07/23/08	07/28/08	*	*	4890
Labfuel 039	0318-01-2230	AKR	Shipped	1880	08/06/08	08/23/08	*	*	SO# 1903J
105 Roof	0318-01-2231	AKR	Shipped	1889	08/11/08	08/28/08	*	*	4600
WWTF	0318-05-0135	AKR	Shipped	7373	08/15/08	08/22/08	*	*	4890
FMFCD-034	0318-01-2232	AKR	Shipped	7373	08/15/08	08/22/08	*	*	Sheet
FMF IM	0318-01-2233	AKR	Shipped	1842	08/19/08	09/05/08	*	*	4120-2068
WWTF	0318-05-0136	AKR	Shipped	7261	08/27/08	09/02/08	*	*	4890
BB/CD	0318-01-2234	AKR	Shipped	7261	08/27/08	09/02/08	*	*	Sheet
105 Roof	0318-01-2235	AKR	Shipped	1800	08/19/08	09/05/08	*	*	4600
Lauren	0318-01-2236	AKR	Shipped	1750	08/19/08	09/05/08	*	*	4813
301CDL	0318-01-2237	AKR	Shipped	2162	08/19/08	09/05/08	*	*	4227-1972-3100
FMF/MIX	0318-01-2238	AKR	Shipped	2232	08/19/08	09/05/08	*	*	Sheet
LabFuel041	0318-01-2239	AKR	Shipped	1603	08/27/08	09/16/08	*	*	Sheet
105 Roof	0318-01-2240	AKR	Shipped	1450	09/02/08	09/19/08	*	*	4600

Internal Shipment Tracking

Batch No/ Descript.	Shipment Number	Issued To	Status	Container/ Trailer#	Ship Date	Scheduled Delivery	Clerk Manifest	EOU Manifest	Cost center
Lauren Mix	0318-01-2241	AKR	Shipped	2174	09/02/08	09/19/08	*	*	Sheet
301 CDL	0318-01-2242	AKR	Shipped	2237	09/02/08	09/19/08	*	*	4227-1972-3100
301 Mix	0318-01-2243	AKR	Shipped	2260	09/09/08	09/26/08	*	*	Sheet
WWTF	0318-05-0137	AKR	Shipped	7321	09/12/08	09/18/08	*	*	4890
FMF-BB084	0318-01-2244	AKR	Shipped	7321	09/12/08	09/18/08	*	*	Sheet
BB085/CD036	0318-01-2245	AKR	Shipped	7218	09/22/08	09/27/08	*	*	Sheet
WWTF	0318-05-0138	AKR	Shipped	7218	09/22/08	09/27/08	*	*	4890
301 CDL	0318-01-2246	AKR	Shipped	2220	10/01/08	10/17/08	*	*	4227-1972-3100
Lauren	0318-01-2247	AKR	Shipped	2353	10/07/08	10/23/08	*	*	4813
FMFCD-037	0318-01-2248	AKR	Shipped	7103	10/13/08	10/17/08	*	*	Sheet
WWTF	0318-05-0139	AKR	Shipped	7103	10/13/08	10/17/08	*	*	4890
Jay's Sacks	0318-01-2249	AKR	Shipped	1973	10/16/08	11/01/08	*	*	4870 EQ08
301 Dirt	0318-01-2250	AKR	Shipped	2055	10/16/08	11/01/08	*	*	4227-1972-3100
FMF Debris	0318-01-2251	AKR	Shipped	2284	10/22/08	11/07/08	*	*	4120-2069
301/105	0318-01-2252	AKR	Shipped	2251	10/22/08	11/07/08	*	*	Sheet
BB086/CD038	0318-01-2253	AKR	Shipped	7441	10/31/08	11/04/08	*	*	Sheet
WWTF	0318-05-0140	AKR	Shipped	7441	10/31/08	11/04/08	*	*	4890
301/105	0318-01-2254	AKR	Shipped	2295	10/22/08	11/07/08	*	*	Sheet
301 CDL	0318-01-2255	MAC	Shipped	1896	10/22/08	11/07/08	*	*	4227-1972-3100
Jay's Sacks	0318-01-2256	MAC	Shipped	2271	10/22/08	11/07/08	*	*	4870 EQ08
301 CDL	0318-01-2257	MAC	Shipped	2355	10/22/08	11/07/08	*	*	4227-1972-3100
WWTF	0318-05-0141	AKR	Shipped	7240	11/04/08	11/12/08	*	*	4890
BB087/CD039	0318-01-2258	AKR	Shipped	7240	11/04/08	11/12/08	*	*	Sheet
NaHS WW	0318-09-0001	DWS	Shipped	Pan Van	11/10/08	11/13/08	*	*	4299
WWTF	0318-05-0142	AKR	Shipped	7394	12/05/08	12/15/08	*	*	4890
BB088/CD040	0318-01-2259	AKR	Shipped	7394	12/05/08	12/15/08	*	*	Sheet
Mix IM	0318-01-2260	AKR	Shipped	1800	12/04/08	12/19/08	*	*	Sheet
301 CDL	0318-01-2261	AKR	Shipped	2135	12/04/08	12/19/08	*	*	4227-1972-3100
301 CDL	0318-01-2262	AKR	Shipped	2316	12/04/08	12/19/08	*	*	4227-1972-3100
Mix IM	0318-01-2263	AKR	Shipped	1373	12/04/08	12/19/08	*	*	Sheet
105 Roof	0318-01-2264	AKR	Shipped	2363	12/04/08	12/19/08	*	*	4600
105 Roof	0318-01-2265	AKR	Shipped	1933	12/04/08	12/19/08	*	*	4600
301 CDL	0318-01-2266	AKR	Shipped	1978	12/04/08	12/19/08	*	*	4227-1972-3100
105 Roof	0318-01-2267	AKR	Shipped	2381	12/04/08	12/19/08	*	*	4600
FMFCD-041	0318-01-2268	AKR	Shipped	7185	12/11/08	12/22/08	*	*	Sheet

Internal Shipment Tracking

Batch No/ Descript.	Shipment Number	Issued To	Status	Container/ Trailer#	Ship Date	Scheduled Delivery	Clerk Manifest	EOU Manifest	Cost center
WWTF	0318-05-0143	AKR	Shipped	7254	01/08/09	01/12/09	*	*	4890
FMFCD-042	0318-01-2269	AKR	Shipped	7254	01/08/09	01/12/09	*	*	Sheet
301/105	0318-01-2270	AKR	Shipped	1369	01/19/09	02/05/09	*	*	Sheet
105 Roof	0318-01-2271	AKR	Shipped	1452	01/19/09	02/05/09	*	*	4600
105 Roof	0318-01-2272	AKR	Shipped	1829	01/19/09	02/05/09	*	*	4600
BB089	0318-01-2273	AKR	Shipped	7025	01/22/09	01/28/09	*	*	Sheet
WWTF	0318-05-0144	AKR	Shipped	7025	01/22/09	01/28/09	*	*	4890
BB090/CD043	0318-01-2274	AKR	Shipped	7340	02/05/09	02/09/09	*	*	Sheet
WWTF	0318-05-0145	AKR	Shipped	7340	02/05/09	02/09/09	*	*	4890
301CDL IM	0318-01-2275	AKR	Shipped	1245	02/02/09	02/26/09	*	*	4227-1972-3100
FMF IM	0318-01-2276	AKR	Shipped	2395	02/02/09	02/26/09	*	*	4120-2069
WWTF	0318-05-0146	AKR	Shipped	7303	03/05/09	03/11/09	*	*	4890
BB091/CD044	0318-01-2277	AKR	Shipped	7303	03/05/09	03/11/09	*	*	Sheet
FMF Debris	0318-01-2278	AKR	Shipped	1415	03/12/09	03/29/09	*	*	Sheet
Mix IM	0318-01-2279	AKR	Shipped	2400	03/12/09	03/29/09	*	*	Sheet
Mix IM	0318-01-2280	AKR	Shipped	1384	03/13/09	03/30/09	*	*	Sheet
BB092/CD045	0318-01-2281	AKR	Shipped	7125	03/19/09	03/24/09	*	*	Sheet
WWTF	0318-05-0147	AKR	Shipped	7125	03/19/09	03/24/09	*	*	4890
FMF IM	0318-01-2282	AKR	Shipped	2384	03/24/09	04/10/09	*	*	4170-2110
Mix IM	0318-01-2283	AKR	Shipped	2410	03/24/09	04/10/09	*	*	Sheet
BB093	0318-01-2284	AKR	Shipped	7108	04/08/09	04/16/09	*	*	Sheet
WWTF	0318-05-0148	AKR	Shipped	7108	04/08/09	04/16/09	*	*	4890
Mix IM	0318-01-2285	AKR	Shipped	1393	04/02/09	04/19/09	*	*	Sheet
Mix IM	0318-01-2286	AKR	Shipped	1565	04/02/09	04/19/09	*	*	Sheet
CDL IM	0318-01-2287	AKR	Shipped	1866	04/02/09	04/19/09	*	*	4227-1972-3100
Mix IM	0318-01-2288	AKR	Shipped	2063	04/02/09	04/19/09	*	*	Sheet
Mix IM	0318-01-2289	AKR	Shipped	2325	04/02/09	04/19/09	*	*	Sheet
BB094	0318-01-2290	AKR	Shipped	7382	04/22/09	04/27/09	*	*	Sheet
WWTF	0318-05-0149	AKR	Shipped	7382	04/22/09	04/27/09	*	*	4890
FMF IM	0318-01-2291	AKR	Shipped	2295	04/09/09	04/26/09	*	*	4170-2110
Mix IM	0318-01-2292	MAC	Shipped	1700	04/28/09	06/01/09	*	*	Sheet
FMFCD-046	0318-01-2293	AKR	Shipped	7099	05/13/09	05/18/09	*	*	4170-2110
WWTF	0318-05-0150	AKR	Shipped	7099	05/13/09	05/18/09	*	*	4890
BB095/CD047	0318-01-2294	AKR	Shipped	7224	05/28/09	06/01/09	*	*	Sheet
CDL IM	0318-01-2295	AKR	Shipped	2232	05/21/09	06/07/09	*	*	4227-1972-3100

Internal Shipment Tracking

Batch No/ Descript.	Shipment Number	Issued To	Status	Container/ Trailer#	Ship Date	Scheduled Delivery	Clerk Manifest	EOU Manifest	Cost center
CDL IM	0318-01-2296	AKR	Shipped	2335	05/21/09	06/07/09	*	*	4227-1972-3100
CDL IM	0318-01-2297	MAC	Shipped	2050	06/19/09	07/06/09	*	*	4227-1972-3100
Mix IM	0318-01-2298	MAC	Shipped	1433	06/23/09	07/10/09	*	*	Sheet
WWTF IM	0318-01-2299	AKR	Shipped	1727	07/01/09	08/01/09	*	*	4890
WWTF	0318-05-0151	AKR	Shipped	7340	06/25/09	06/30/09	*	*	4890
FMFBB-096	0318-01-2300	AKR	Shipped	7340	06/25/09	06/30/09	*	*	4600
Mix IM	0318-01-2301	AKR	Shipped	1954	07/01/09	08/01/09	*	*	Sheet
FMFBB-097	0318-01-2302	AKR	Shipped	7429	07/31/09	08/04/09	*	*	Sheet
WWTF	0318-05-0152	AKR	Shipped	7429	07/31/09	08/04/09	*	*	4890
WWTF	0318-05-0153	AKR	Shipped	7297	10/09/09	10/13/09	*	*	4890
Pb Mixed	0318-07-0002	AKR	Shipped	7297	10/09/09	10/13/09	*	*	4813-0000-3000
FMFBB-098	0318-01-2304	AKR	Shipped	7297	10/09/09	10/13/09	*	*	Sheet
Mix IM	0318-01-2303	MAC	Shipped	1630	10/28/09	12/09/09	*	*	Sheet
Mix IM	0318-01-2305	MAC	Shipped	1439	10/28/09	12/09/09	*	*	Sheet
Mix IM	0318-01-2306	MAC	Shipped	1375	10/28/09	12/09/09	*	*	Sheet
Mix IM	0318-01-2307	MAC	Shipped	1813	10/29/09	12/10/09	*	*	Sheet
Mix IM	0318-01-2308	MAC	Shipped	2179	10/29/09	12/10/09	*	*	Sheet
WWTF	0318-05-0154	AKR	Loaded	7297			*	*	4890
Mix IM	0318-01-2309	MAC	Shipped	2336	12/10/09	12/23/09	*	*	Sheet
Mix IM	0318-01-2310	MAC	Shipped	2257	12/10/09	12/23/09	*	*	Sheet
Sodium Nitrate	0318-10-01	DWS	Shipped	7371	12/30/09		*	*	4296-1877-3000
Mix IM	0318-01-2311	MAC	Shipped	1949	01/20/10	02/06/10	*	*	Sheet
Mix IM	0318-01-2312	MAC	Shipped	1848	01/20/10	02/06/10	*	*	Sheet
WWTF	0318-05-0155	MAC	Shipped	7402	04/05/10	04/08/10	*	*	7945
Mix	0318-01-2313	MAC	Shipped	7190	05/17/10		*	*	Sheet
WWTF	0318-05-0156	MAC	Shipped	7190	05/17/10		*	*	7945
MIX	0318-01-2314	MAC	Shipped	1439	05/21/10	06/07/10	*	*	Sheet
WWTF	0318-05-0157	AKR	Shipped	7293	08/26/10		*	*	7945
Sack mix	0318-01-2315	AKR	Shipped	7293	08/26/10		*	*	Sheet
Mix IM	0318-01-2316	MAC	Shipped	2033	08/18/10	09/01/10	*	*	Sheet
Mix IM	0318-01-2317	MAC	Shipped	1957	08/18/10	09/01/10	*	*	Sheet
Mix IM	0318-01-2318	MAC	Shipped	1791	08/18/10	09/01/10	*	*	Sheet
Mix IM	0318-01-2319	MAC	Shipped	1940	08/18/10	09/01/10	*	*	Sheet
WWTF	0318-05-0158	AKR	Shipped	7171	10/11/10	10/15/10	*	*	7945
Mix IM	0318-01-2320	MAC	Loaded	1706	09/28/10	10/13/10	*	*	

FORM 540 UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		EnergySolutions, LLC 5. SHIPPER - NAME AND FACILITY Nuclear Fuel Services, Inc. 1205 Banner Hill Road Erwin, TN 37650		SHIPMENT I.D. NUMBER 0318-01-2162		7: 540 / 540A --- Page 1		8. Manifest Number: (Use this number on all continuation pages.) 0318-01-2162	
1. EMERGENCY TELEPHONE NUMBER (Include Area Code) 800-424-9300		DISPOSAL PERMIT NUMBER 010900006		SHIPMENT NUMBER 0318-01-2162		COLLECTOR EnergySolutions, LLC		9. CONSIGNEE - Name and Facility Address Clive Disposal Site - Bulk Waste Facility Interstate 80, Exit 49 Clive, UT 84029	
ORGANIZATION ChemTrec		CONTACT Brad A. McKeenan, Transportation & Waste Manager		GENERATOR TYPE (Specify) I		TELEPHONE NUMBER (Include Area Code) 423-743-9141		TELEPHONE NUMBER (Include Area Code) 435-884-0155	
2. IS THIS AN EXCLUSIVE USE SHIPMENT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		3. Total Number of Packages Identified on this Manifest 1		6. CARRIER EPES Transport 2415 Davy Crockett Parkway PO Box 3067 Morristown, TN 37814		EPA I.D. NUMBER NA		10. CERTIFICATION This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. This also certifies that the materials are classified, packaged, marked, and labeled and are in proper condition for transportation and disposal as described in accordance with the requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.	
4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If "Yes", provide Manifest Number →		EPA MANIFEST NUMBER NA		CONTACT Richard Price SIGNATURE - Authorized carrier acknowledging waste receipt <i>Richard Price</i>		TELEPHONE NUMBER (Include Area Code) 800-272-4416		AUTHORIZED SIGNATURE , TITLE , DATE L. Michael Ledford, Waste Prog. Adm., 6-25-07	

P.O. # 0105024812

See Attached 540A

LINE ITEM	DESCRIPTION
<input type="checkbox"/> 0003	INTERMODAL SOIL
<input type="checkbox"/> 0004	CONTAINER SOIL
<input checked="" type="checkbox"/> 0005	DEBRIS

FOR CONSIGNEE USE ONLY

Original Signed Copy of Manifest Resides with Nuclear Fuel Services, Inc.

Record Waste Description Inadequate
 Contamination or Leakage Detected
 Unexpected Exposure Rates Detected
 Labels, Markings, etc. Inadequate
 Container Integrity Inadequate
 Other
 No Violations Detected on this Shipment

20. TERMS AND CONDITION

A. **HAZARDOUS MATERIALS:** Generator represents and warrants that Waste Material __ is (or) X_ is not a hazardous waste as defined in 40 CFR 261. Where the material is a hazardous waste, this shipment is also accompanied by a separate and completed hazardous waste manifest, along with the appropriate land-disposal restriction notice and/or certification as required by 40 CFR 268.1.

B. **TITLE:** Upon acceptance at the disposal site by the Consignee, and all appropriate regulatory authorities, title to the Waste Material which conforms to Generator's representations herein shall thereupon transfer from Generator and be vested in the Consignee.

C. **WASTE MATERIAL:** Generator represents and warrants that all data set forth in this (UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST) are true and correct in all respects and in accordance with all applicable governmental laws, rules, regulations and the Consignee's facility license.

D. **INDEMNIFICATION:** Generator agrees to indemnify the Consignee, its officers, employees and agents against all losses and liability whatsoever if such losses or liability results from the failure of the Waste Material to conform in all material respects to the data supplied on the (UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST,) or if this shipment fails to meet the standards prescribed by the Department of Transportation or any governmental agency having jurisdiction over such matters.

Version 2.0, Rev. 0

FORM 540 UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		EnergySolutions, LLC		5. SHIPPER - NAME AND FACILITY Nuclear Fuel Services, Inc. 1205 Banner Hill Road Erwin, TN 37650		SHIPMENT I.D. NUMBER 0318-01-2173		7. 540 / 540A -- Page 1		8. Manifest Number: (Use this number on all continuation pages) 0318-01-2173	
1. EMERGENCY TELEPHONE NUMBER (Include Area Code) 800-424-9300		DISPOSAL PERMIT NUMBER 010900006		SHIPMENT NUMBER 0318-01-2173		COLLECTOR		9. CONSIGNEE - Name and Facility Address EnergySolutions, LLC Clive Disposal Site - Bulk Waste Facility Interstate 80, Exit 49 Clive, UT 84029		CONTACT Shipping and Receiving TELEPHONE NUMBER (Include Area Code) 435-884-0155	
ORGANIZATION ChemTrec		CONTACT Brad A. McKeenan Transportation & Waste Manager		TELEPHONE NUMBER (Include Area Code) 423-743-9141		GENERATOR TYPE (Specify) I		SIGNATURE: Authorized consignee acknowledging waste receipt		DATE	
2. IS THIS AN EXCLUSIVE USE SHIPMENT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		3. Total Number of Packages Identified on this Manifest 1		6. CARRIER EPES Transport 2415 Davy Crockett Parkway PO Box 3067 Morristown, TN 37814		EPA I.D. NUMBER NA		10. CERTIFICATION This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. This also certifies that the materials are classified, packaged, marked, and labeled and are in proper condition for transportation and disposal as described in accordance with the requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.			
4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If "Yes", provide Manifest Number		EPA MANIFEST NUMBER NA		CONTACT Richard Price SIGNATURE - Authorized carrier acknowledging waste receipt		TELEPHONE NUMBER (Include Area Code) 800-272-4416		DATE 10-5-07		AUTHORIZED SIGNATURE Dennis Squires	
								TITLE Waste Prog. Adm.		DATE 10-4-07	

P.O. # 0105024812

See Attached 540A

LINE ITEM

DESCRIPTION

- | | |
|--|-----------------|
| <input type="checkbox"/> 0003 | INTERMODAL SOIL |
| <input type="checkbox"/> 0004 | CONTAINER SOIL |
| <input checked="" type="checkbox"/> 0005 | DEBRIS |

FOR CONSIGNEE USE ONLY

Original Signed Copy of Manifest Resides with Nuclear Fuel Services, Inc.

- Record Waste Description Inadequate
- Contamination or Leakage Detected
- Unexpected Exposure Rates Detected
- Labels, Markings, etc. Inadequate
- Container Integrity Inadequate
- Other
- No Violations Detected on this Shipment

20. TERMS AND CONDITION

- A. HAZARDOUS MATERIALS: Generator represents and warrants that Waste Material is (or) X is not a hazardous waste as defined in 40 CFR 261. Where the material is a hazardous waste, this shipment is also accompanied by a separate and completed hazardous waste manifest, along with the appropriate land-disposal restriction notice and/or certification as required by 40 CFR 268.1.
- B. TITLE: Upon acceptance at the disposal site by the Consignee, and all appropriate regulatory authorities, title to the Waste Material which conforms to Generator's representations herein shall thereupon transfer from Generator and be vested in the Consignee.
- C. WASTE MATERIAL: Generator represents and warrants that all data set forth in this (UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST) are true and correct in all respects and in accordance with all applicable governmental laws, rules, regulations and the Consignee's facility license.
- D. INDEMNIFICATION: Generator agrees to indemnify the Consignee, its officers, employees and agents against all losses and liability whatsoever if such losses or liability results from the failure of the Waste Material to conform in all material respects to the data supplied on the (UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST) or if this shipment fails to meet the standards prescribed by the Department of Transportation or any governmental agency having jurisdiction over such matters.

FORM 540 UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		EnergySolutions, LLC Nuclear Fuel Services, Inc. 1205 Banner Hill Road Erwin, TN 37650		SHIPMENT I.D. NUMBER 0318-01-2185	7. 540 / 540A -- Page 1	8. Manifest Number: (Use this number on all continuation pages) 0318-01-2185
1. EMERGENCY TELEPHONE NUMBER (Include Area Code) 800-424-9300		DISPOSAL PERMIT NUMBER 010900006	SHIPMENT NUMBER 0318-01-2185	COLLECTOR PROCESSOR <input checked="" type="checkbox"/> GENERATOR TYPE (Specify) I	9. CONSIGNEE - Name and Facility Address EnergySolutions, LLC Clive Disposal Site - Bulk Waste Facility Interstate 80, Exit 49 Clive, UT 84029	
ORGANIZATION ChemTree		CONTACT Brad A. McKeehan Transportation & Waste Manager		TELEPHONE NUMBER (Include Area Code) 423-243-9141	SIGNATURE - Authorized consignee acknowledging waste receipt DATE	
2. IS THIS AN EXCLUSIVE USE SHIPMENT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	3. Total Number of Packages Identified on this Manifest 1	6. CARRIER Speciality Transport, Inc. 2530 Mitchell St. Knoxville, TN 37917		EPA I.D. NUMBER NA	10. CERTIFICATION This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. This also certifies that the materials are classified, packaged, marked, and labeled and are in proper condition for transportation and disposal as described in accordance with the requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.	
4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If "Yes", provide Manifest Number	EPA MANIFEST NUMBER NA	CONTACT David Pemberton SIGNATURE - Authorized carrier acknowledging waste receipt <i>David Pemberton</i>		SHIPPING DATE 01/22/2008	TELEPHONE NUMBER (Include Area Code) 865-524-5592	AUTHORIZED SIGNATURE <i>Dennis Squires</i>
				DATE 1-21-08	TITLE Waste Prog. Admin.	DATE 1-21-08

P.O. # 0105024812

See Attached 540A

LINE ITEM	DESCRIPTION
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<input checked="" type="checkbox"/> 0005	DEBRIS

FOR CONSIGNEE USE ONLY

Original Signed Copy of Manifest Resides with Nuclear Fuel Services, Inc.

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C. WASTE MATERIAL: Generator represents and warrants that all data set forth in this (UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST) are true and correct in all respects and in accordance with all applicable governmental laws, rules, regulations and the Consignee's facility license.

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Version 3.0, Rev. 0