

*Private Fuel Storage, L.L.C.*

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*P.O. Box C4010, La Crosse, WI 54602-4010*

*Phone 303-741-7009 Fax: 303-741-7806*

*John L. Donnell, P.E., Project Director*

Mr. Leon Berggren, Project Manager  
Bureau of Land Management  
2370 South 2300 West  
Salt Lake City, UT 84119

August 31, 1999

**LOW CORRIDOR RAIL LINE ENGINEERING PACKAGE  
PRIVATE FUEL STORAGE FACILITY  
PRIVATE FUEL STORAGE L.L.C.**

- Reference:
1. PFS letter, Parkyn to Carpenter, Application for Transportation on Federal Lands, dated August 28, 1998
  2. PFS letter, Donnell to Berggren, Low Corridor Rail Alignment, dated May 27, 1999
  3. PFS letter, Donnell to Berggren, Class III Cultural Resource Inventory and Treatment Plan for the Hastings Cutoff Trail, dated August 31, 1999

Enclosed please find the engineering package for the proposed Low Corridor rail line. The rail line will originate from the Union Pacific (UP) mainline at Low Junction south of I-80 and proceed along the western side of Skull Valley for approximately 32 miles to the Goshute Indian Reservation. Reference 1 transmitted the right-of-way application for utilization of BLM managed public lands in support of this transportation option for the Private Fuel Storage Facility (PFSF) project. The right-of-way application and the related Plan of Development are currently being reviewed for consistency with the engineering package and will be updated and transmitted under separate cover by September 2, 1999.

A Class III Cultural Resource Inventory of the rail line corridor has been completed. The draft Cultural Resource Inventory as well as a draft treatment plan for the Hastings Cutoff Trail crossing was submitted to you with Reference 3.

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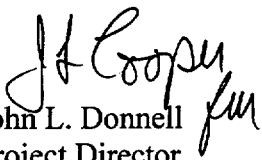
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August 31, 1999

The enclosed engineering package supercedes the drawing package transmitted to you with Reference 2. The package includes rail line plan and profile drawings, appropriate cross sections and details, cut and fill calculations, hydrology calculations, and culvert sizing calculations. A detailed listing of the package contents is provided in Table 1. Private Fuel Storage (PFS) participated in a meeting with Union Pacific on July 28, 1999 to discuss the operation, location, and arrangement for the siding at Low. The location and design of the siding have been modified to incorporate comments received from UP.

If you have any questions concerning this matter or need additional information please contact me at 303-741-7009.

Sincerely,

  
John L. Donnell  
Project Director  
Private Fuel Storage L.L.C.

Enclosure

Copy to:      Mr. Mark Delligatti -1/1  
                 Mr. Jay Silberg -1/1  
                 Mr. John Parkyn -1/0  
                 Ms. Patricia Winmill -1/1  
                 Mr. Leon Bear -1/0  
                 Ms. Denise Chancellor -1/1  
                 Mr. David Allison -1/1  
                 Ms. Margaret Swimmer -1/0  
                 Mr. Glenn Carpenter -1/1

**Table 1**  
**Low Corridor Rail Line Engineering Package**  
**August 31, 1999**

<b>DRAWINGS</b>		
<b>Drawing No.</b>	<b>Drawing Title</b>	<b>Revision</b>
05996-DY-30	PFSF Railroad Line Vicinity Map & Drawing Index	A
05996-DY-31	PFSF Union-Pacific Mainline/PFSF Siding Plan and Profile	A
05996-DY-32	PFSF Union-Pacific Mainline/PFSF Siding Sections and Details	A
05996-DY-33	PFSF Railroad Line Plan & Profile - Sheet 1	A
05996-DY-34	PFSF Railroad Line Plan & Profile - Sheet 2	A
05996-DY-35	PFSF Railroad Line Plan & Profile - Sheet 3	A
05996-DY-36	PFSF Railroad Line Plan & Profile - Sheet 4	A
05996-DY-37	PFSF Railroad Line Plan & Profile - Sheet 5	A
05996-DY-38	PFSF Railroad Line Plan & Profile - Sheet 6	A
05996-DY-39	PFSF Railroad Line Plan & Profile - Sheet 7	A
05996-DY-40	PFSF Railroad Line Plan & Profile - Sheet 8	A
05996-DY-41	PFSF Railroad Line Plan & Profile - Sheet 9	A
05996-DY-42	PFSF Railroad Line Plan & Profile - Sheet 10	A
05996-DY-43	PFSF Railroad Line Plan & Profile - Sheet 11	A
05996-DY-44	PFSF Railroad Line Plan & Profile - Sheet 12	A
05996-DY-45	PFSF Railroad Line Plan & Profile - Sheet 13	A
05996-DY-46	PFSF Railroad Line Plan & Profile - Sheet 14	A
05996-DY-47	PFSF Railroad Line Old US 40 Intersection Plan	A
05996-DY-48	PFSF Railroad Line Jeep Trail Intersection Plan & Profile	A
05996-DY-49	PFSF Railroad Line Culvert Sections & Details - Sheet 1	A
05996-DY-50	PFSF Railroad Line Culvert Sections & Details - Sheet 2	A
<b>Calculations</b>		
<b>Calc No.</b>	<b>Title</b>	<b>Revision</b>
05996.02-SY-10	PFSF Railroad Line - Determination of Drainage Basin Area	0
05996.02-SY-11	PFSF Railroad Line - Runoff Analysis & Culvert Sizing	0
05996.02-SY-12	PFSF Railroad Line - Preliminary Cut & Fill Calculation	0
05996.02-GB-19	Preliminary Design of Culverts Along the 3 Mile Long East/West Railroad Embankment for a 100 Year Flood	0

# **PRIVATE FUEL STORAGE FACILITY**

**Private Fuel Storage, LLC  
SWEC Project No. 05996.02**

## **CALCULATION INDEX**

05996.02-SY-10 PFSF Railroad Line - Determination of Drainage Basin Area  
05996.02-SY-11 PFSF Railroad Line - Runoff Analysis & Culvert Sizing  
05996.02-SY-12 PFSF Railroad Line - Preliminary Cut & Fill Calculation  
05996.02-GB-19 Preliminary Design of Culverts Along the 3 Mile Long East/West  
Railroad Embankment for a 100 Year Flood

**August 31, 1999  
Preliminary Issue – For BLM Use**

**PFSF Deliverables - Preliminary Submittal for BLM Review****27-Aug-99****DRAWINGS**

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