



Nuclear Fuel Services, Inc.

21G-18-0050
GOV-01-55-06
ACF-18-0099

April 23, 2018

Director, Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

References: 1) Docket No. 70-143; SNM License 124
2) Letter from NRC to Richard J. Freudenberger, dated September 16, 2016, NFS Interim Approval of Decommissioning Cost Estimate Amount (Cost Activity Code Number L33400)

Subject: Final Report for the Former Blended Low Enriched Uranium (BLEU) Facility at NFS

Nuclear Fuel Services, Inc. (NFS) hereby submits the Final Status Survey (FSS) Final Report for the former Blended Low Enriched Uranium (BLEU) Facility (see Enclosure). The FSS was conducted in accordance with methods specified in 10 CFR Part 20, Subpart E. The radiological survey data demonstrates that the former BLEU Facility meets the established Derived Concentration Guideline Levels (DCGLs). While NFS does not intend to request a site release of this area at this time, we request confirmation that the former BLEU Facility will be suitable for unrestricted release in accordance with 10 CFR Part 20, Subpart E.

On page 9, NFS' Decommissioning Funding Plan states the following:

With regard to the JV [Joint Venture] (or the BLEU Complex), sampling was performed to confirm and document that no contaminated soil existed prior to the start of facility construction. The estimate assumes that the equipment will be removed, the buildings will be demolished to ground level, and no excavation is planned. Therefore, no liability was included in the estimate for soils related to the JV.

All equipment has been removed and all buildings have been demolished to ground level at the former BLEU Facility (see Attachment 1, Former BLEU Facility Photo, and Attachment 2, Current View of Former BLEU Facility Photo).

The cost estimates for regulatory assurances were last adjusted and approved by the NRC on September 16, 2016, and have remained in place. Those decommissioning financial instruments related to the former BLEU Facility are the following:

NMSS2D

Credit Industriel et Commercial Letter of Credit No. SB22.401 (AREVA)	\$ 3,133,975
Credit Industriel et Commercial Letter of Credit No. SB22.493 (AREVA)	11,345,345
Bank of America, N.A. Letter of Credit No. 68133845 (AREVA)	3,785,680
TD Bank, N.A. Letter of Credit No. 20007970 (NFS)	60,000
Total Financial Assurance related to the former BLEU Facility	\$18,325,000

If you or your staff have any questions, require additional information, or wish to discuss this further, please contact me, or Mr. Ron Rice, Radiation Protection Unit Manager, at (423) 735-5405. Please reference our unique document identification number (21G-18-0050) in any correspondence concerning this letter.

Sincerely,

NUCLEAR FUEL SERVICES, INC.



Richard J. Freudenberger, Director
Safety and Safeguards

TAK/pj

Attachments and Enclosure:

Attachment 1: **Former BLEU Facility Photo**
Attachment 2: **Current View of Former BLEU Facility Photo**

Enclosure: **Radiological Survey Report for the Land Area of the Former
Blended Low Enriched Uranium Facility at the Nuclear Fuel
Services Site**

Copy:

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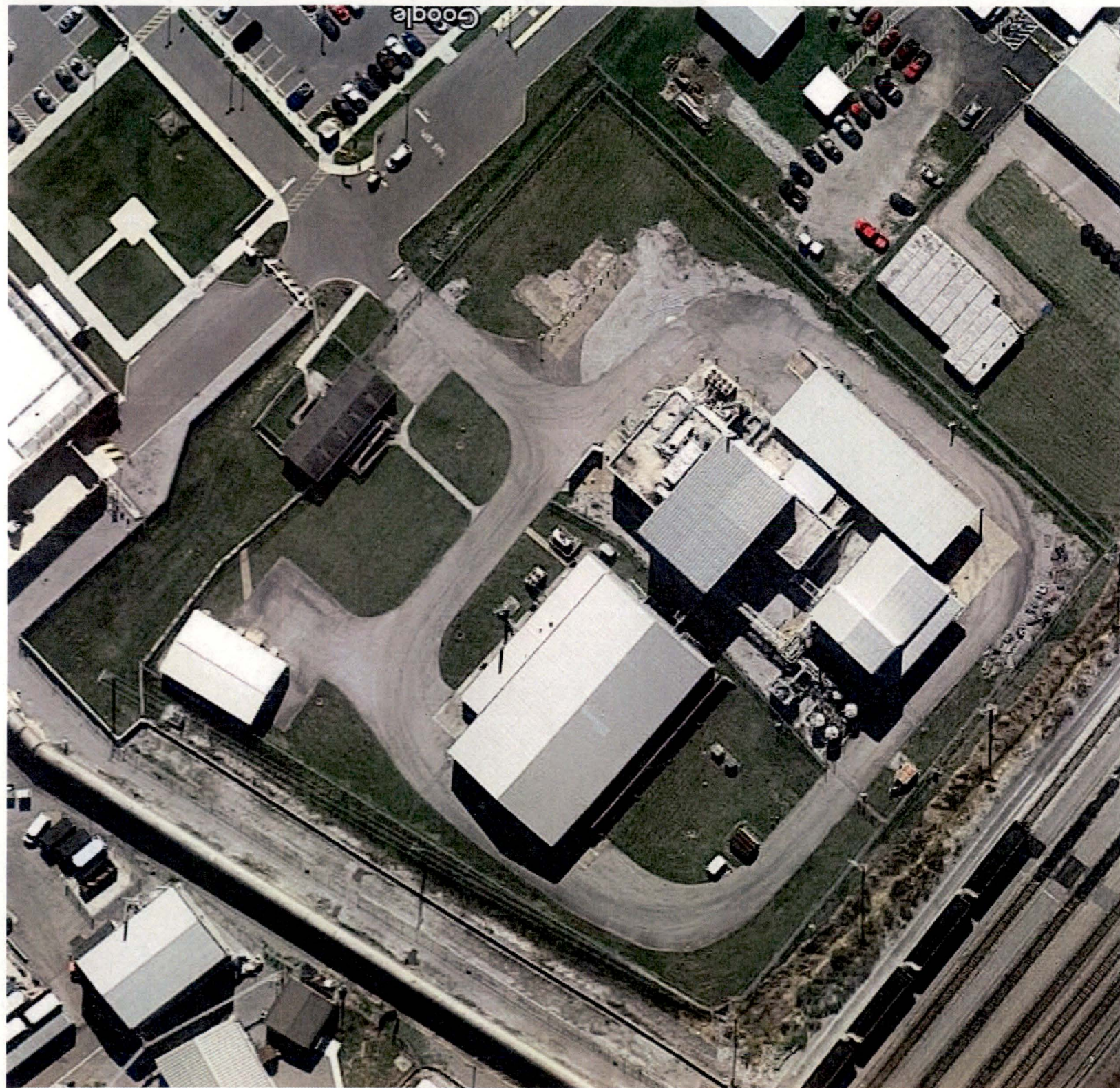
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Attachment 1

Former BLEU Facility Photo



Attachment 2

Current View of Former BLEU Facility Photo



Enclosure

**Radiological Survey Report for the Land Area of the Former Blended Low
Enriched Uranium Facility at the Nuclear Fuel Services Site**