APPROVED FOR EXTERNAL RELEASE

Change 2 to Revision 1 September 22, 1999

ADVANCED MIXED WASTE TREATMENT PROJECT

TRI-PARTY MEMORANDUM OF AGREEMENT

For

BNFL Inc.

Department of Energy

and

Lockheed Martin Idaho Technologies Company



Public Rending Room U.S. Department of Earran Idates Operations Office

United States Department of Energy Idaho Operations Office

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Tri-Party Memorandum of Agreement Modification

for the

BNFL Inc.

Department of Energy Idaho Operations Office

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SIGNATURE PAGE

Effective Date: September 22, 1999

The undersigned authorities, by their signatures below, acknowledge and accept their organization's roles and responsibilities as identified in this Modification to the Memorandum of Agreement (MOA) signed on January 21, 1999. If this MOA modification conflicts with existing DOE-ID contracts: DE-AC-07-94ID13223 and DE-AC-07-97ID13481, with Lockheed Martin Idaho Technologies Company (LMITCO) and BNFL Inc. respectively, the foregoing contracts take precedence to the extent of any conflict.

Approved by:

aliam J. Yaklich

BNFL Inc. - General Manager AMWTP

M..J. Bønkoski DOE-ID - Director AMWTP

H.T. Conner, Jr.

Date

LMITCO Executive Vice-president for Operations

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Introduction

The tri-party Memorandum of Agreement (MOA) for Phase II construction of the Advanced Mixed Waste Treatment Project (AMWTP) was approved January 21, 1999 (DOE/ID-10520 Revision 1) and modified on June 7, 1999 (DOE/ID-10520 Change 1 to Revision 1). Since then, the three parties have identified the need for the change described in this modification.

AMWTP Electrical Connections

The current MOA allows BNFL Inc. to tap RWMC 12.5 kV electrical power via spare conduits at two electrical distribution boxes: JP-10 and JP-11, as indicated on MK drawing ESK-021 Revision 0. Because the spare conduits at JP-10 and JP-11 are not readily accessible, JP-8 has been identified as the alternate electrical distribution box. JP-8 includes five capped, spare conduits exiting the power enclosure in concrete encasement. The end of this ductbank stops about 18 feet inside the AMWTP's east construction fence line.

This change identifies JP-8 as the construction tap point for 12.5 kV power and clarifies the maximum power demands during construction. The current MOA allows AMWTP two 500-kVA power taps (JP-10 and JP-11). The modification changes this to one 1,000-kVA power tap at JP-8. The referenced MOA drawing will be updated during the next full MOA revision. The requirement for BNFL Inc. to provide detailed construction drawings for the INEEL management and operations (M&O) contractor to review and approve prior to connecting to the system remains unchanged.

Action

On page 11 of the AMWTP MOA, delete the following two sentences in the "Electrical During Construction" paragraph:

<u>During construction</u>: BNFL Inc. will connect to the existing 12.5 kilovolt (kV) RWMC distribution system for construction power at existing fused disconnect switches N-STRM-SAF1 (JP10) and N-STRM-SAG1 (JP11), and at the single-phase 7.2 kV pole line ending at building WMF-652 as indicated on MK drawing ESK-021 Rev 0. The maximum anticipated connected load at each point during construction is as follows: 500 kilovolt-ampere (kVA) each at the disconnect switches and 75 kVA at building WMF-652 (security trailer).

Add the following sentences in place of the deletions:

<u>During construction</u>: BNFL Inc. will connect to the existing 12.5 kilovolt (kV) RWMC distribution system for construction power at existing fused disconnect switch N-STRM-SAD1 (JP-8) and at the single-phase 7.2 kV pole line ending at building WMF-652. The maximum anticipated connected load at each point during construction is as follows: 1,000 kilovolt-ampere (kVA) on the 12.5 kV system and 75 kVA on the 7.2 kV system.

Change 2 to Revision 1 September 22, 1999

The revised "Electrical During Construction" paragraph now reads as follows:

During construction: BNFL Inc. will connect to the existing 12.5 kilovolt (kV) RWMC distribution system for construction power at existing fused disconnect switch N-STRM-SAD1 (JP-8) and at the single-phase 7.2 kV pole line ending at building WMF-652. The maximum anticipated connected load at each point during construction is as follows: 1,000 kilovolt-ampere (kVA) on the 12.5 kV system and 75 kVA on the 7.2 kV system. The peak demand at each location will not exceed 115% of the maximum anticipated connected load. BNFL Inc. will maintain a power factor for their total load placed on the INEEL power system of 0.90 or greater. Each connection point will be separately metered. BNFL Inc. will provide the meters specified by the INEEL M&O contractor. BNFL Inc. will provide all equipment required for these connections that is not currently installed. Details for the tie-in connection will be developed by BNFL Inc. and shown on a construction drawing. The INEEL M&O contractor will be given the opportunity to review and approve the connection detail and installation procedure prior to construction. The INEEL M&O contractor will provide lockout/tagout measures as required for their system during the BNFL Inc. tie-in activity. As-built drawings will be provided by BNFL Inc. for all connections to the INEEL power system prior to energizing the lines or equipment. The INEEL M&O contractor will perform all final connections to the INEEL power system.