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# CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES QUALITY ASSURANCE SURVEILLANCE REPORT

PROJECT NO: 20- 1402-561/562

REPORT NO: 99-02

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**SURVEILLANCE SCOPE:** Surveillance activities on the Evolution of Near-Field Environment KTI

**REFERENCE DOCUMENTS:** FY99 Quality Assurance Application Matrix; CNWRA HLW Operations Plans, Rev 12 Chg 0; QAP-004 Surveillance Control Procedure

**STARTING DATE:** January 25, 1999

**ENDING DATE:** January 25, 1999

**QA REPRESENTATIVE:** Mark R. Ehnstrom

**PERSONS CONDUCTING TEST/EXAM/ACTIVITY:** Bill Murphy and Scott Painter

**SATISFACTORY FINDING:**

**Phase 561**

Analysis and review of data from the DOE is currently being performed. The journal paper identified as Intermediate Milestone No. 20-1402-561-920, titled ENFE Sensitivity Studies-Journal Paper, was completed as scheduled and sent on January 6, 1999. The QA document folder for this paper was reviewed with no comment. Possible laboratory investigations and field work may be performed this year. Consultants used by Dr. Murphy in this phase of the project included Dimitri Sverjensky, Fred Glasser, and Nicholas Christofi. These individuals Professional Personnel Qualification (PPQ) files were reviewed and found to be current and contained the necessary Conflict Of Interest evaluations. Scientific Notebooks nos. 37 and 140 were reviewed with satisfactory results when compared to procedural requirements.

**Phase 562**

Discussions were held with Dr. Painter on the work being performed on the next version of MULTIFLO. The Software Requirements Description (SRD) has been developed, reviewed, and accepted by the Element Manager on January 12, 1999 (Reference Intermediate Milestone 1402-561-910). The only other area in which surveillance in this area could be accomplished regards the use of consultants. The only consultant being used in the development of the next revision of MULTIFLO is Dr. Mohan Seth. Dr. Seth's Professional Personnel Qualification file was reviewed and was found to be current and contained the necessary Conflict Of Interest evaluation.

**UNSATISFACTORY FINDINGS:** None

**NONCONFORMANCE REPORT NO:** N/A

**ATTACHMENTS:** None

**RECOMMENDATIONS/ACTIONS:** None

APPROVED:

CENTER DIRECTOR OF QUALITY ASSURANCE

DATE:

1/29/99

**DISTRIBUTION:**

- ORIGINAL - CENTER QA DIRECTOR / QA Records
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