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CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES QUALITY ASSURANCE SURVEILLANCE REPORT

PROJECT NO: 20-5708-771

REPORT NO: 97-10

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SURVEILLANCE SCOPE: Activities Related to Development of EPA Yucca Mountain Standards

REFERENCE DOCUMENTS: Quality Requirements Application Matrix, Draft PMPR for Period 10

STARTING DATE: 7/8/97

ENDING DATE: 7/9/97

QA REPRESENTATIVE: R. D. Brient

PERSONS CONDUCTING TEST/EXAM/ACTIVITY: R. Baca, M. Jarzempa, R. Fedors, A. Armstrong, P. LaPlante

SATISFACTORY FINDINGS:

Specification of the Critical Group and Reference Biosphere: Work is in progress for intermediate milestone (IM) 5708-771-720, the due date which is expected to be moved to mid-August. Dose calculations have been performed using GENII S (under TOP-018 control) and STEPWISE. STEPWISE lacks only the Software Summary Form and Software Release Notice in order to be placed under control and released. The subject IM report is a revised version of an earlier report. In the cases of both reports, appendices of the reports were/are being used to document the detailed calculations instead of using Scientific Notebooks. Since the report is in an early draft stage, the detailed documentation was not checked during this surveillance, however it will be available for technical review when the report goes through the QAP-002 process prior to submittal to NRC.

Dilution Analysis Literature and data searches and preliminary calculations have been conducted, however, progress has not been sufficient to document in a Scientific Notebook. However, significant calculations are expected in the near future, so a Scientific Notebook will be started for this task. Initial entries should summarize the preliminary activities which have been conducted.

Personnel qualifications and QA indoctrination were verified for R. Baca, M. Jarzempa, R. Fedors, A. Armstrong, P. LaPlante.

UNSATISFACTORY FINDINGS: none

NONCONFORMANCE REPORT NO: none

ATTACHMENTS: *NONE*

RECOMMENDATIONS/ACTIONS: TOP_018 release of STEPWISE should be completed before delivery of IM 5708-770-720.A Scientific Notebook should be initiated for the dilution analysis activity.

APPROVED: 
CENTER DIRECTOR OF QUALITY ASSURANCE

DATE: 7/14/97

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