



**CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES
QUALITY ASSURANCE
SURVEILLANCE REPORT**

PROJECT NO.: 20.5704.013 REPORT NO.: 93.02 PAGE 1 OF 1

SURVEILLANCE SCOPE:
Observation of Atomic Absorption Analysis of Strontium, Geochemistry TASK 3.

REFERENCE DOCUMENTS: TOP-012, QAP-001

STARTING DATE: 1/15/93 ENDING DATE: 1/15/93

QA REPRESENTATIVE: R. BRENT

PERSONS CONDUCTING TEST / EXAM / ACTIVITY:
PAUL BERTETTI

SATISFACTORY FINDINGS:

1. This atomic absorption analysis was run to determine if the method could provide consistent and stable results. The instrument set-up was based on Perkin Elmer (instrument manufacturer) recommended settings, with the exception of the use of the air-acetylene flame instead of nitrous oxide-acetylene. (Our nitrous oxide burner was fouled).
2. This trial used standards of various dilutions, and blanks. The calibration curve appeared quite linear, and readings were stable.
3. Scientific notebook entries (#020, pg 289) were verified as complete.

UNSATISFACTORY FINDINGS: none

NONCONFORMANCE REPORT NO.: N/A

ATTACHMENTS: none

RECOMMENDATIONS / ACTIONS
Sample containers were labeled only with the concentration and chemical species (Sr), and the samples had been prepared earlier on 1/15/93. Since these were intended to be used during the week of 1/18/93, labels with more detail, meeting TOP-012 requirements, are needed (data prepared, analyst, expiration, reference to Scientific Notebook entry).

APPROVED: *Dennis Malandrino*
CENTER DIRECTOR OF QUALITY ASSURANCE

DATE: 1/18/93

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ORIGINAL - CENTER QA DIRECTOR
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PRINCIPAL ENGINEER R. Fabalan
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