

Nebraska Public Power District

COOPER NUCLEAR STATION
P.O. BOX 98, BROWNVILLE, NEBRASKA 68321
TELEPHONE (402) 825-3811

NLS950007

January 9, 1995

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Gentlemen:

This letter serves as the documentation of the CNS spiked sample results from the Idaho Falls Spiked Water Sample #9407-NRC-02.

1. TRITIUM - decayed to 1-1-92, analyzed by CNS.

<u>Nuclide</u>	<u>Measured Activity</u>
H-3	$7.50 \pm 0.08 \text{ E-05 } \mu\text{Ci/cc}$

2. STRONTIUM 89 - decayed to 3-28-94, analyzed by TMA/Norcal.

<u>Nuclide</u>	<u>Measured Activity</u>
Sr-89	$1.11 \pm 0.32 \text{ E-05 } \mu\text{Ci/cc}$

3. STRONTIUM 90 - decayed to 10-1-92, analyzed by TMA/Norcal.

<u>Nuclide</u>	<u>Measured Activity</u>
Sr-90	$2.06 \pm 0.21 \text{ E-06 } \mu\text{Ci/cc}$

4. IRON 55 - decayed to 2-1-94, analyzed by TMA/Norcal.

<u>Nuclide</u>	<u>Measured Activity</u>
Fe-55	$4.83 \pm 0.48 \text{ E-05 } \mu\text{Ci/cc}$

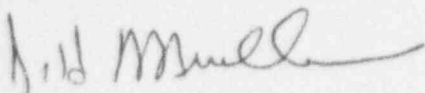
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Questions or comments regarding the spike sample results should be directed to Bob McDonald, Chemistry Supervisor, at 402/825-5235.

Sincerely,

A handwritten signature in dark ink, appearing to read "J. H. Mueller", with a long horizontal flourish extending to the right.

J. H. Mueller
Site Manager
Cooper Nuclear Station

JHM:RJM:JRW

cc: Dr. J. Blair Nicholas
Independent Measurements Program
Arlington, TX 76011

Correspondence No: NLS950007

The following table identifies those actions committed to by the District in this document. Any other actions discussed in the submittal represent intended or planned actions by the District. They are described to the NRC for the NRC's information and are not regulatory commitments. Please notify the Licensing Manager at Cooper Nuclear Station of any questions regarding this document or any associated regulatory commitments.

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