

1A100



Rocky Mountain
Remediation Services, L.L.C.
... protecting the environment



000059255

INTERNAL CORRESPONDENCE

DATE: October 10, 1995

TO: S. A. Marshall, RMRS Surface Water, Building T893A, X2325

FROM: *ARC* J. R. Cirillo, RMRS Environmental Remediation Projects, Bldg. T891B, X5876

SUBJECT: BUILDINGS 875/886 FOUNDATION DRAINS - JRC-010-95

Action: No action required

This memo is in response to SAM-082-95. Recently, 800 area engineering inquired about the possibility of treating waters from the 875/886 foundation drains at the Sitewide Water Treatment Facility (formerly Building 891). The quantity of water was estimated to be 300-1000 gallons of waters per day during the wet season. The primary constituent of concern in this water is uranium. The ratio of U_{233}/U_{234} to U_{238} (3:1) suggests that enriched uranium may be present. Given the information available, it is technically feasible to treat this water at Building 891. A review by nuclear safety would be required in order to determine whether treatment by the ion exchange system (preferred treatment) would present any radiological concerns. The chemical precipitation/microfiltration system would be available as an alternative treatment method if ion exchange could not be utilized.

If you have any additional questions or require additional information, please do not hesitate to give me a call on extension 5876.

kld

cc:

- M.C. Broussard - T893B
- A. K. Schmiechen - T891B
- M.T. Vess - T891B *MOV*
- M.R. Vogt - 881
- ER Records Center (2) 080



ADMIN RECCRD

IA-A-000697

Y1