



SOVEREIGN CONSULTING INC.

040-08843

January 15, 2001

****Via Facsimile and Federal Express****

Mr. Steve W. Shaffer, Health Physicist
Decommissioning and Laboratory Branch
U.S. Nuclear Regulatory Commission
Region 1, Mail Control No. 124941
475 Allendale Road
King of Prussia, PA 19406

Re: Final Status Survey Plan and Grid Map for Parking Lot and Former Building 6 Area (License No. STB-1451)

Dear Mr. Shaffer:

On behalf of Prometcor, Inc. (formerly Ronson Metals), enclosed please find the Final Status Survey grid map and survey plan for the Parking Lot and the former Building 6 Area. The final status survey will be conducted in accordance with NUREG-5849 and methodologies described in the approved Decommissioning Plan for Soil Covers and Underlying Soils at the Prometcor Facility. Surface soil samples will be collected within each grid as depicted in the attached grid map (Figure 1). A total of 185 samples will be collected. Each soil sample will be analyzed for thorium-228 and radium-226. A gamma reading will be collected at each grid point at one meter above grade. The attached Figure 1 also contains additional conditions that will be adhered to during the Final Status Survey.

We look forward to your review and approval of this sampling plan. The original copy of this map/plan has been forwarded to you via Federal Express. We appreciate your expedient review so that we may begin the final survey on January 29, 2001.

If you have any questions, please do not hesitate to contact me at (216) 272-7799. Thank you for your prompt consideration to this matter.

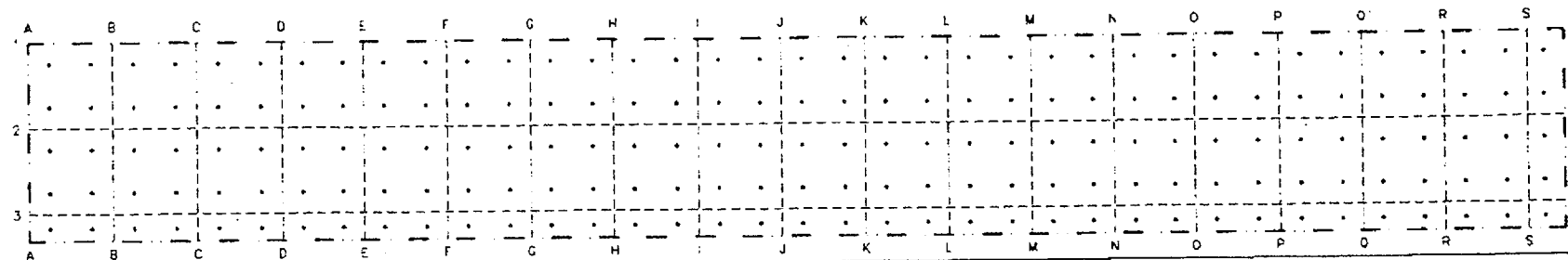
Sincerely,

Jack Buddenbaum, CHP
Principal Scientist

Enclosure: Figure 1, Final Status Survey Map/Plan

cc: Mr. Daryl Holcomb (Ronson Corporation)
Dr. Edward David
Marc Cicalese

128870 SWS
NMSS/RGN MATERIALS-002



MANUFACTURERS PLACE

LEGEND

- — — — — PROPERTY LINE
- SAMPLE POINT

NOTES:

1. THIS IS THE GRID PATTERN USED FOR COLLECTING SURFACE SOIL SAMPLES IN THE PARKING LOT AND BUILDING 6 AREA. A TOTAL OF 185 SAMPLES WILL BE COLLECTED.

2. THIS ENTIRE GRIDDED AREA REPRESENTS ONE SURVEY UNIT FOR THE FINAL STATUS SURVEY.

3. SAMPLES WILL BE COLLECTED AT THE SURFACE.

4. GIVEN THE DIMENSIONS OF THE PROPERTY, ALL AREAS IN THIS FIGURE ARE TREATED AS AFFECTED.

5. SOIL SAMPLES WILL BE ANALYZED FOR Ra-226 AND Th-228. IF Th-228 RESULTS ARE GREATER THAN 8 pCi/gram, THEN THE SAMPLES WILL BE ANALYZED FOR Th-232 AND Th-230.

6. IF SOIL RESULTS EXCEED ACCEPTABLE GUIDELINE, ADDITIONAL SOIL SAMPLES AT DEPTH WILL BE COLLECTED AND ANALYZED FOR PURPOSE OF BOUNDING THE EXTENT OF THE EXCEEDANCE.

7. ALL SOIL RESULTS WILL BE REPORTED AS pCi/gram.

8. Micro-R/hour READINGS WILL BE COLLECTED AT EACH GRID POINT AT ONE METER ABOVE SURFACE.

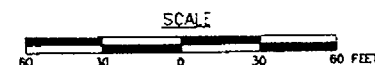


FIGURE 1

FINAL STATUS SURVEY
SOIL SAMPLE LOCATIONS
(PARKING LOT AND BUILDING 6)

PROMETCOR
NEWARK, NEW JERSEY

SOVEREIGN CONSULTING INC.
WHIPPANY, NEW JERSEY

DRWN: K.E.W.

CHK'D: M.E.C.

APP'D: J.E.B.

SCALE: AS SHOWN

DATE: 01/11/01