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SUMMARY OF 3/11/92 FIELD TRIP TO TA'S 54, 53, AND 35

- the morning was dedicated to a presentation on the "INTEGRATED DEMONSTRATION PROJECT".

EM-50 (split bureau from HSE) is attempting to develop technology to eliminate the many small waste streams at LANL. They are targeting types of waste streams that are occuring at several sites at the facility partly for economic purposes.

- The goal is to obtain RD&D permits for these technologies.

- These methods of waste-stream elimination consider only low-level rad waste

- this is a single technology feat for a single problem, i.e. a waste treatment method might be developed for a specific type of waste at a unit at LANL, with the ultimate goal of sending and using this technology at other LANL units and other DOE facilities around the country.

- RD&D permits by their nature are shorter and more succinct permit applications.

- there are 8 proposed projects for FY 1992.

- Herb Grover recommended pre-Part A Application communications between NMED and LANL in order to simplify and speed-up the application process. i.e. letting LANL/DOE know, as much as possible, what NMED would like to see in the Part A.

TA 54, Area L
- met with Andrew Montoya
- area L is used for >90 day storage and for TOSCA storage
- at area L they receive chemical waste disposal requests from other units at LANL.
  - Area L requests and/or constructs waste profiles
  - then they (re)classify the waste
  - then they send crews out to pick up and bring the waste to Area L storage.
  - some treatment of waste occurs at area L, e.g. barium sand

  - shipment of waste from Area L goes to:
    - Chem Waste Management, Kettleman, CA.
    - Osco facility in CO. - solvents and RCRA wastes
    - * - SCA facility, Chicago
    - * - Rollins Chem PAK, Deer Park, TX, and Baton Rouge, LA

* primary destinations for RCRA wastes

TA 53, sewage lagoons

- 1 rad lagoon
- 2 mixed waste lagoons. These lagoons are considered mixed waste because of early discharge into the lagoon of llrw, supposedly contained entirely within sludge at the bottom of the lagoon. no rad waste is now being placed in the Mixed waste lagoons. A **permitted** discharge (overflow) point is at the east end of the mwlagoons. The discharge empties into a small tributary canyon of Los Alamos canyon.

- Ideally, LANL would like to see 3 or 4 permits issued by the end of FY '92