

The applicant is presently in the process of establishing access control for ANO-2. The same types of Health Physics instruments and equipment used in ANO-1 will also be available at ANO-2. The licensee's inventory of instruments and equipment appears adequate.

Several pieces of equipment such as portal monitors, personnel friskers, hand and foot counters, and constant air monitors have not been calibrated and installed. The licensee stated that this equipment will not be installed until about two weeks prior to initial criticality.

This item remains open pending installation and calibration of the above instruments and equipment.

6. Radiation Monitoring Systems

a. Area Radiation Monitoring System (ARM)

The inspector examined the ARM system to determine compliance with the commitments in Section 12.1.4 of the FSAR. Except for monitor 2RE-8909, all ARM's have been installed and calibrated.

This item remains open pending calibration of ARM 2RE-8909.

b. Process Monitors

The inspector reviewed the radiation process monitors to determine compliance with Section 11.4 of the FSAR. Only two process monitors have been calibrated.

This item remains open pending calibration of the monitors.

7. Representative Samples

The inspector examined the licensee's sampling program regarding the collection of representative gaseous samples. Several problems concerning the collection of gaseous samples have been discussed in previous inspection reports. It was noted that the correction contained in DCP 744 has been completed.

This item is considered closed.

8. Charcoal Adsorber Tests

The inspector reviewed the iodine removal efficiency test results for the charcoal adsorbers. All tests results were within acceptance limits.

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This item is considered closed.

9. Radiochemistry Procedures

The following radiochemistry procedures have been approved since the previous inspection.

- Procedure 1604.09, "Radiostrontium Determination"
- Procedure 1604.12, "E-Bar Determination"
- Procedure 1604.13, "Measurement of Primary to Secondary Leak Rate"
- Procedure 1604.14, "Reactor Building Purge Analysis"
- Procedure 1604.16, "Analysis of Waste Gas Decay Tanks"
- Procedure 1604.19, "Daily Count Room Instrument Setup"

No open item remains in the area of radiochemistry procedures.

10. Health Physics Staff Training

The inspector reviewed training provided for the Health Physics staff regarding ANO-2 layout and systems. The licensee stated that a training program for the Health Physics staff has been developed. The necessary training will be provided before initial criticality.

This item is considered closed.

11. Environmental Protection

Several open items were identified in Environmental Inspection Report No. 50-368/78-18. These open items included:

- a. Establishing a calibration schedule for laboratory counting equipment.
- b. Deleting CaF_2 TLD's from Table 4-1 of the ETS.
- c. Correcting the LLD for ^3H listed in Table 4-1a of the ETS.
- d. Developing a chemical release inventory.
- e. Audits of contractor activities.
- f. Amending ETS to reflect present ground water sample sites.

The inspector reviewed the licensee's corrective action regarding the above items. The inspector noted that the licensee has initiated the necessary steps to correct the identified problems. The necessary

review and approvals have not been completed for all items; however, none of the environmental matters are such to prevent initial criticality.

These items will be reviewed during future inspections.

12. Exit Interview

At the conclusion of the inspection on August 18, 1978, the inspection findings were discussed with those persons listed in paragraph 1. The inspector summarized the purpose and scope of the inspection. The status of the open items identified in this inspection report were reviewed.