

SECTION 2

BASE CLOSURE PLAN

2.1 REFERENCES. Appendix A contains a list of references used for this plan as well as references needed to implement it.

2.2 PURPOSE. This plan is to be used as a guideline to plan, write and ensure Base Closure Operations conducted by Health Physics Division (HPD), USAEHA, are complete and adequate.

2.3 GENERAL.

2.3.1 Plans and reports will be written for all phases of the operation.

2.3.1.1 A brief overview (introduction) of the project should begin each plan or report.

2.3.1.2 Reports should be written with the intent of being included in or as a plan or as part of the final report.

2.3.2 This plan includes various examples to aid in its use.

2.4 PROCEDURES.

2.4.1 Preliminary Assessments.

2.4.1.1 A history review will be conducted as described in Section 3.

2.4.1.2 Safety considerations will be noted and a safety plan developed per Section 4 of this SP.

2.4.1.3 Because guidelines for residual radioactivity are presented in terms of radiation levels above background for the area, a background survey will be planned and performed as described in the background study section of this plan.

2.4.1.4 A scoping survey will be planned and performed as described in Section 5. It is important to plan your scoping survey to allow the data to stand for other surveys and even for a final report.

2.4.1.5 Data obtained in the preliminary assessment should be used to establish the need for a decontamination plan. If a plan is needed, write and submit it to the NRC. If a plan is not needed, the data can be used to support other surveys or a final report.

2.4.2 Surveys.

2.4.2.1 Characterization Survey.

(A) After locations that may require decontamination have been identified, a characterization survey will be performed as described in characterization section.

(B) The survey should be of sufficient detail to provide data for the decontamination effort, including techniques, schedules, costs, waste volumes and safety considerations.

(C) Should be planned adequately to allow data to support the final status survey. If all data shows that contamination is below guideline values, submit report.

(D) If data shows contamination above guideline values then decontamination will be performed as described in remediation section.

2.4.2.2 Remediation Surveys.

(A) Will be conducted during remediation.

(B) This survey consists of measurements to determine effectiveness of remediation process and to protect the worker and the public.

(C) The results of this survey do not provide final status data because a resurveying of the area is required.

2.4.2.3 Final Status Survey.

(A) Generates a report to show contamination levels are below guideline values. This report will be sent to the NRC for review.

(B) May be a survey or a collection of data from previous surveys and reports.

(C) After remediation, the final status survey shall be performed as a separate procedure.

(D) Section 8 of this plan, describes the final survey process.

2.4.2.4 Confirmatory\Verification Survey.

(A) This survey is a tool used by an outside Agency (NRC, USAEHA, State) to confirm the adequacy and accuracy of the final status report.

(B) It is primarily a simple spot check of conditions at selected sites and comparison to the final status report. Will be performed as described in the verification section.

(C) It is done after the final report is accepted and identifies areas of further action.

2.5 SITE RELEASE. Given by the responsible Agency (NRC, Army, etc.), after all reports have been approved and data confirmed.