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TERMINATION SURVEY HISTORY FILE

CONTENT AND PREPARATION

1.0 PURPOSE

This procedure directs the preparation of history files of Shoreham plant structures, systems, and outside areas, for the purposes of the Shoreham Decommissioning Termination Survey.

2.0 RESPONSIBILITY

2.1 Termination Survey Section Head

The Termination Survey Section Head is responsible for ensuring the proper implementation of this procedure.

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3.0 DISCUSSION

The Termination Survey History File is prepared to document the operational history of plant systems and the utilization history of plant structural areas, including outdoor areas. The compiled history then provides a basis for classification of a system or structural area to determine the level of measurement intensity of the Termination Survey. A flow chart of the process is attached to this procedure at Appendix 12.1.

4.0 PRECAUTIONS

Files shall be identified and organized by a filing system corresponding directly to the Termination Survey Group "Survey Unit List". The Survey Unit List is the document which identifies the plant systems, structures, and outside areas as discrete entities by survey unit name and number, for the purpose of preliminary and final survey organization and classification. It includes the system index code, elevation, and survey unit classification of each unit specified. It is part of the Termination Survey Unit Classification Description, described in Reference 11.1 (PDXOM-01). It is to be controlled by Reference 11.2 (SP67X001.08). A sample page of this list is attached to this procedure at Appendix 12.4.

5.0 PREREQUISITES

N/A

6.0 LIMITATIONS AND ACTIONS

N/A

7.0 MATERIALS AND/OR TEST EQUIPMENT

N/A

8.0 PROCEDURE

8.1 The Termination Survey Engineer or designee shall assign the preparation of the History File Overview and Checklist to a competent individual for completion. A sample of these forms is attached to this procedure at Appendix 12.2, "Termination Survey History File". The assignment, review, classification, and filing process are tracked by a Termination Survey Radiological Engineer. A sample form for process control is attached to this procedure at Appendix 12.3, "History File Control Sheet."

8.2 The individual assigned to prepare the history file will enter the following information into the appropriate block of the "Overview" section:

8.2.1 Survey unit number;

8.2.2 Survey unit name, as it appears in the Survey Unit Classification Description;

8.2.2.1 For a plant system, the System Index Code from the Shoreham Plant System Index is also identified;

8.2.3 File type, i.e., Initial history file, or Updated system/structure status necessitated by decommissioning activities or subsequent data;

Note: The descriptions of the survey unit and its operational/utilization history are based upon input from Operations personnel, the Radiological Engineer for Systems, or individuals of comparable familiarity and expertise.

8.2.4 A brief description of the survey unit, including function, content, and physical extent. For a system, it includes a list of all interfacing systems;

8.2.5 A brief summary of the operation or utilization of the survey unit. For a system, it includes the dates and levels of operation.

8.2.6 A synopsis, textural and/or statistical, of the radiological history of the survey unit, to include the most recent radiological status. The radiological history is based upon results of Health Physics surveys (e.g., characterization, operational, or preliminary surveys) and Radiochemistry samples, if applicable. Actual radiological historical data for systems commences with initial fuel loading, December 1984. For fluid systems it includes the frequency of samples, and result ranges; for ventilation systems, effluent results are indicated;

8.2.7 Specific reference to supporting surveys, sample analyses, and research documents;

8.2.8 Characterization program classification;

8.2.9 A list of attached supporting documentation;

8.2.10 Preparer's signature and date of preparation.

8.3 The individual assigned to prepare the History File next completes the "Checklist" section, which summarizes the results of the historical research. It includes: use of the area for radiological materials storage, laydown, and transit; potential for residual contamination resulting from maintenance activities, spills, leaks, airborne contamination, exposure to reactor coolant or radioactive process system liquids, and the potential for material activation.

8.4 The completed Overview and Checklist sections of the History File are submitted to the Termination Survey Engineer or designee for review by the designated Radiological Engineer. If additional description or documentation is required the form will be returned, with the necessary directive comments, for completion, resubmittal and review.

8.5 The Termination Survey Engineer or designee will classify the survey unit into one of two strata, based upon the survey unit's radiological condition and history, its proximity to known contaminated areas or systems, and the likelihood of contamination by decommissioning activities. Classification criteria are given in the Shoreham Decommissioning Termination Survey Plan, described in Reference 11.1.

8.6 Upon review and approval by the designated Radiological Engineer, the completed History File is maintained in a folder specifically assigned to it; this becomes part of the Termination Survey documentation file for the survey unit. The information is maintained available to be retrieved for incorporation into a statistical database, and for the preparation of survey designs for each survey unit.

9.0 ACCEPTANCE CRITERIA

N/A

10.0 FINAL CONDITIONS

N/A

11.0 REFERENCES

11.1 Long Island Power Authority, Nuclear Management Control Manual, "Nuclear Organization Management Control Program for Decommissioning Termination Survey Program Description", PDXCM-01.

11.2 SP67X001.08, "Survey Unit Classification Description"

12.0 APPENDICES

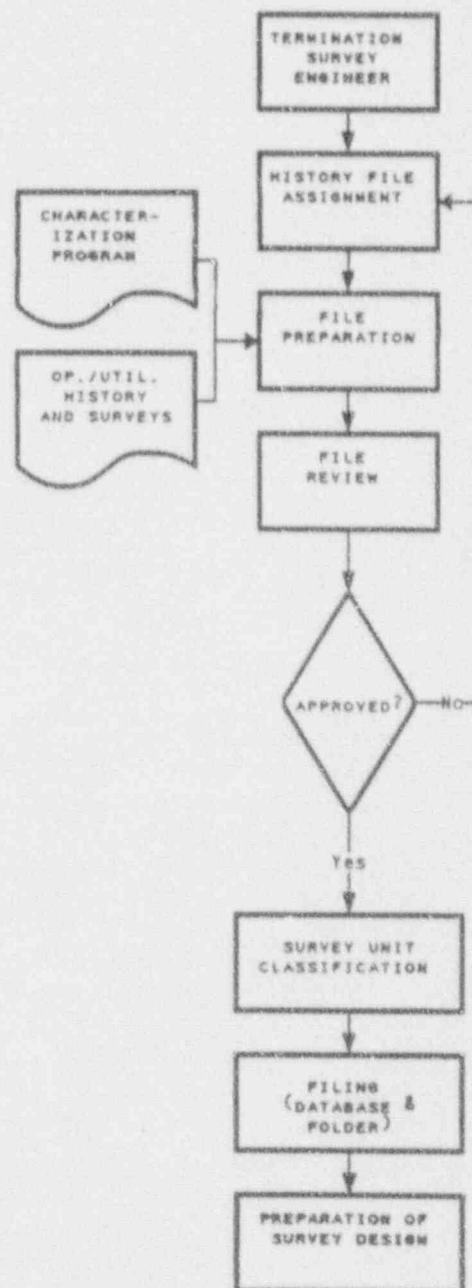
12.1 Flow Chart - Termination Survey History File

12.2 Termination Survey History File (Sample)

12.3 History File Control Sheet (Sample)

12.4 Survey Unit List (Sample)

FLOW CHART
TERMINATION SURVEY HISTORY FILE



TERMINATION SURVEY HISTORY FILE (Sample)

I. OVERVIEW

1. SURVEY UNIT NUMBER: _____
2. a. SURVEY UNIT NAME: _____
b. SYSTEM INDEX CODE: _____
3. FILE TYPE : INITIAL _____
or UPDATE _____
4. SURVEY UNIT DESCRIPTION: _____

5. SUMMARY OF OPERATIONAL/UTILIZATION HISTORY: _____

6. MOST RECENT RADIOLOGICAL CLASSIFICATION AND SURVEY RESULTS
(Range, Averages, etc.): _____

7. REFERENCES: _____

8. CHARACTERIZATION PROGRAM CLASSIFICATION: _____
9. ATTACHMENTS: _____

10. COMPILED BY: _____ DATE: _____

TERMINATION SURVEY HISTORY FILE (Sample)

II. CHECKLIST

1. Has the unit ever been within an RCA? (y), (n), (n/a) _____

1.a. If yes, when last classified:

Radiation Area _____

Contaminated Area _____

Airborne Radioactivity Area _____

1.b. Area Deposited? (y), (n), (n/a) _____

1.b.1. If yes, indicate dates of depositing from:

Radiation Area _____

Contaminated Area _____

Airborne Radioactivity Area _____

2. Has the survey unit ever been exposed to reactor coolant or radioactive process system liquid? (y), (n), (n/a) _____

3. Has the survey unit ever experienced any known contaminated spills or breaches of contaminated systems? (y), (n), (n/a) _____

3.a. Dates _____

3.b. Description _____

4. Prepared By: _____ Date: _____

III. CONCLUSIONS

1. Classification for Termination Survey:

1.a. Affected _____

1.b. Unaffected _____

TERMINATION SURVEY HISTORY FILE (Sample)

2. Basis for Classification _____

3. Classified by _____ Date _____
- 4.a. Reviewed by _____ Date _____
- b. Is this a change from the current
Survey Unit Classification? (y),(n) _____
5. Update Classified by _____ Date _____
6. Update Reviewed by _____ Date _____

HISTORY FILE CONTROL SHEET (Sample)

1. a. SURVEY UNIT NAME: _____
 b. SURVEY UNIT NUMBER: _____
 c. SYSTEM INDEX CODE: _____
2. a. ASSIGNED TO (NAME): _____
 b. DUE DATE: _____
 c. ASSIGNED BY (NAME): _____
 d. DATE ASSIGNED: _____
3. a. RECEIVED BY (NAME): _____
 b. DATE RECEIVED: _____
4. a. REVIEWED BY (NAME): _____
 b. DATE REVIEWED: _____
5. DISPOSITION (X):
 a. ACCEPTED ☐
 b. RETURNED ☐ Comments: _____

6. STORAGE (X):
 a. IN FOLDER ☐ by (Name/Date) _____
 b. DATABASE ☐ by (Name/Date) _____

DRAFT
09/21/92

SHOREHAM DECOMMISSIONING TERMINATION SURVEY
SURVEY UNIT LIST - STRUCTURES(SAMPLE)

UNIT NO.	SURVEY UNIT NAME	ALPHA	ELEV	CLASS
AB001	BATTERY ROOM #G-24 / TRUCK BAY	N	15'	U
AB002	ANNEX BUILDING - 15' NORTH G/A	N	15'	U
AB003	ANNEX BUILDING - 15' CENTRAL G/A	N	15'	U
AB004	ANNEX BUILDING - 15' SOUTH G/A	N	15'	U
AB005	ANNEX BUILDING - 29' NORTHEAST G/A	N	29'	U
AB006	ANNEX BUILDING - 29' NORTH CENTRAL G/A	N	29'	U
AB007	ANNEX BUILDING - 29' NORTHWEST G/A	N	29'	U
AB008	ANNEX BUILDING - 29' SOUTH CENTRAL G/A	N	29'	U
AB009	TECHNICAL SUPPORT CENTER	N	29'	U
AB010	ANNEX BUILDING BRIDGE G/A	N	42'	U
AB011	ANNEX BUILDING - 42' NORTHEAST G/A	N	42'	U
AB012	ANNEX BUILDING - 42' NORTH CENTRAL G/A	N	42'	U
AB013	ANNEX BUILDING - 42' NORTHWEST G/A	N	42'	U
AB014	ANNEX BUILDING - 42' SOUTH OFFICES	N	42'	U
AB015	ANNEX BUILDING - 42' SOUTH G/A / SR2	N	42'	U
AB016	ANNEX BUILDING - 55' NORTHEAST G/A	N	55'	U
AB017	ANNEX BUILDING - 55' NORTH CENTRAL G/A	N	55'	U
AB018	ANNEX BUILDING - 55' NORTHWEST G/A	N	55'	U
AB019	ANNEX BUILDING - 55' WEST G/A	N	55'	U