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**Section 3****BUILDING EXTERIOR**

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The scope of remedial action executed by IDM, Inc. was limited to the interior surfaces of Building 14 and subsurface soils within the footprint of Building 14. Area 21, which currently is outside the footprint of the building walls, was included within the scope since it was formerly enclosed within Building 14 during MED operations.

As a separate activity from the interior remedial action, a scoping survey of the exterior wall and roof surfaces was performed by Bechtel National, Inc. and its radiological services subcontractor, SEC. This survey was conducted between April 20, 1998, and May 14, 1998. The objective of a scoping survey is to provide sufficient information to conduct a preliminary risk assessment, provide an initial estimate of the level of remediation required in cases where contamination is present, and to provide information to assist in the planning of a characterization or final status survey. The scoping survey was designed to fulfill these requirements. The elements of the survey included:

- $\beta\gamma$  activity scans of all accessible exterior wall surfaces,
- Direct measurements for total  $\alpha$  and  $\beta\gamma$  activity at selected locations on each wall,
- Swipe samples collected for analysis of removable  $\alpha$  and  $\beta\gamma$  activity at selected locations on each wall,
- Continuous  $\beta\gamma$  activity scans of the three roof levels,
- Dose rate measurements at selected locations on the three roof levels; and
- Collection of core samples of the asphalt roof material from the three roof levels for isotopic analysis.

The results are summarized and the complete survey forms are included in the report on the exterior survey (Bechtel 1998). Several areas of contamination exceeding DOE generic surface guidelines were identified on the north, east, and west walls. Further characterization and remedial activities concerning the exterior surfaces of Building 14 will be addressed in the future remedial action.