

OL/RECD official

26 FEB 1980

MEMORANDUM FOR: Chief, Satellite Section, OC-ED/RES
STATINTL FROM: [REDACTED]
Chief, Field Engineering Branch, RECD/OL
SUBJECT: Review of Adapter Plate Design for
SC-1/SC-3 Terminals

1. The drawing for a proposed adapter plate for attaching the SC-3 antenna to existing SC-1 anchor bolts has been reviewed at your request. Since there has been no change from the original requirements, we feel the present design is quite adequate. No substantial cost savings can be expected from minor detail changes to reduce fabrication time. The adapter plate designed by RECD tried to minimize elevation change and minimize additional weight load on the roof. Without these constraints, a simpler design may be possible. We suggest the SC-3 antenna manufacturer be asked for a proposal for an adapter if this has not already been done.

2. For those locations where the SC-1 antenna is installed on a flush slab, it is recommended that the SC-3 be installed directly onto the slab using expansion bolt anchors in lieu of an adapter plate. The adapter plate could be used in those locations where the SC-1 is currently on pedestal supports.

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