Table 7-1. Qualitative tradeoff study results

	Design Comparison		
Criteria	Intersection-welded rebars	Small volume critical area shield	Envelope shield
Cost analysis	Costly	Costly	Least costly
Performance estimate	Unpredictable	Reasonably predictable	Reasonably predictable
Future needs	Permits expansion	Expansion costly	Permits expansion
Satisfactory	Difficult	Satisfactory	Maintenance
Maintenance	Satisfactory	Difficult	Satisfactory
Grounding and cabling plan	Satisfactory	More difficult	Satisfactory

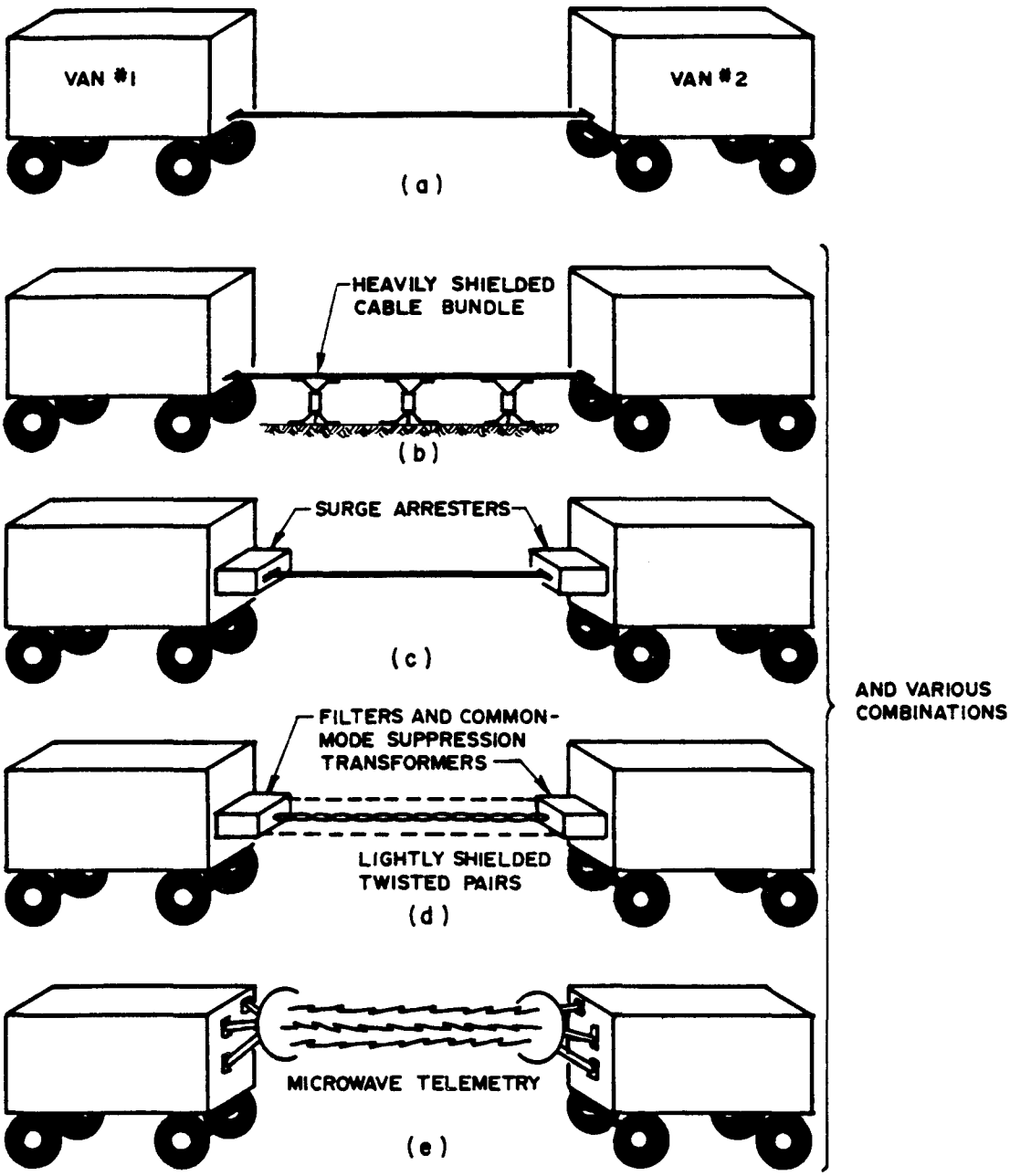

Figure 7-1. Effect of hardening approach on subsystem design.

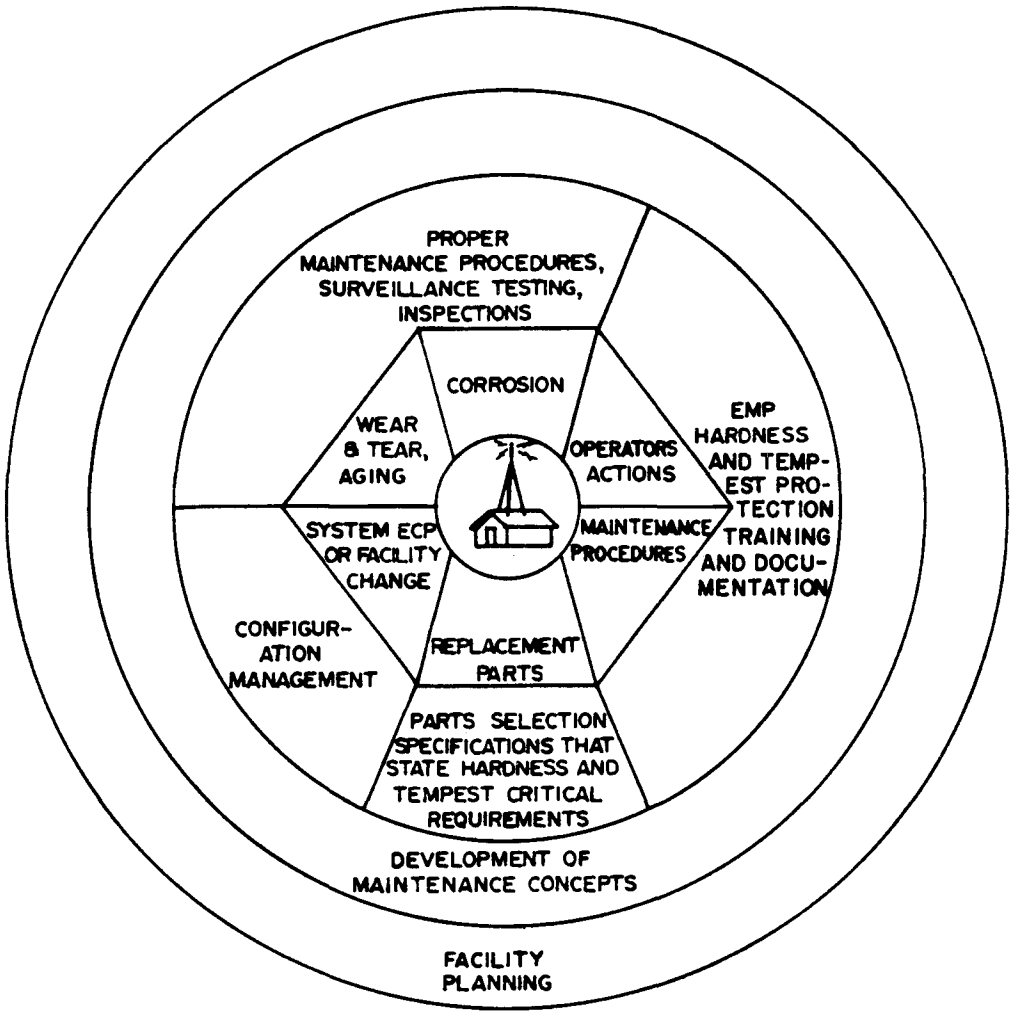

Figure 7-2. Interaction of HM/HS/TSM program elements.

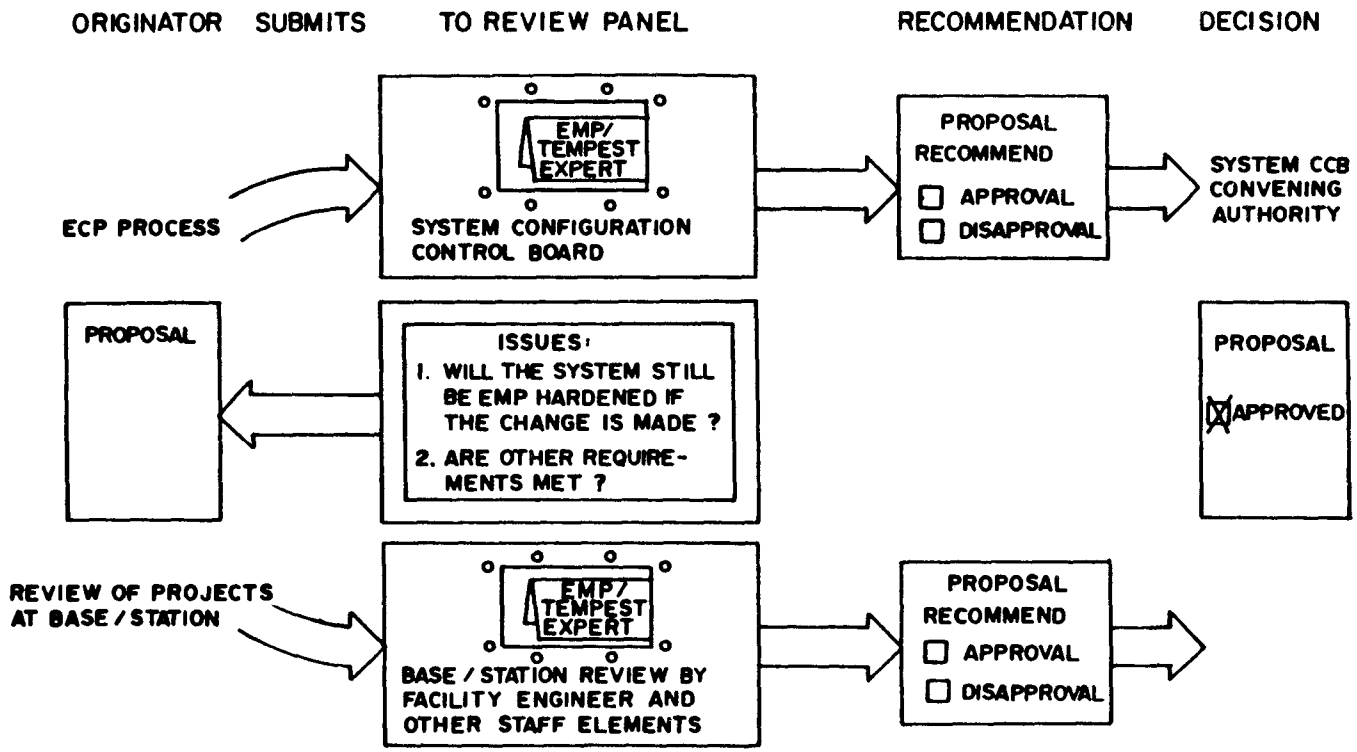

Figure 7-3. Configuration management process.

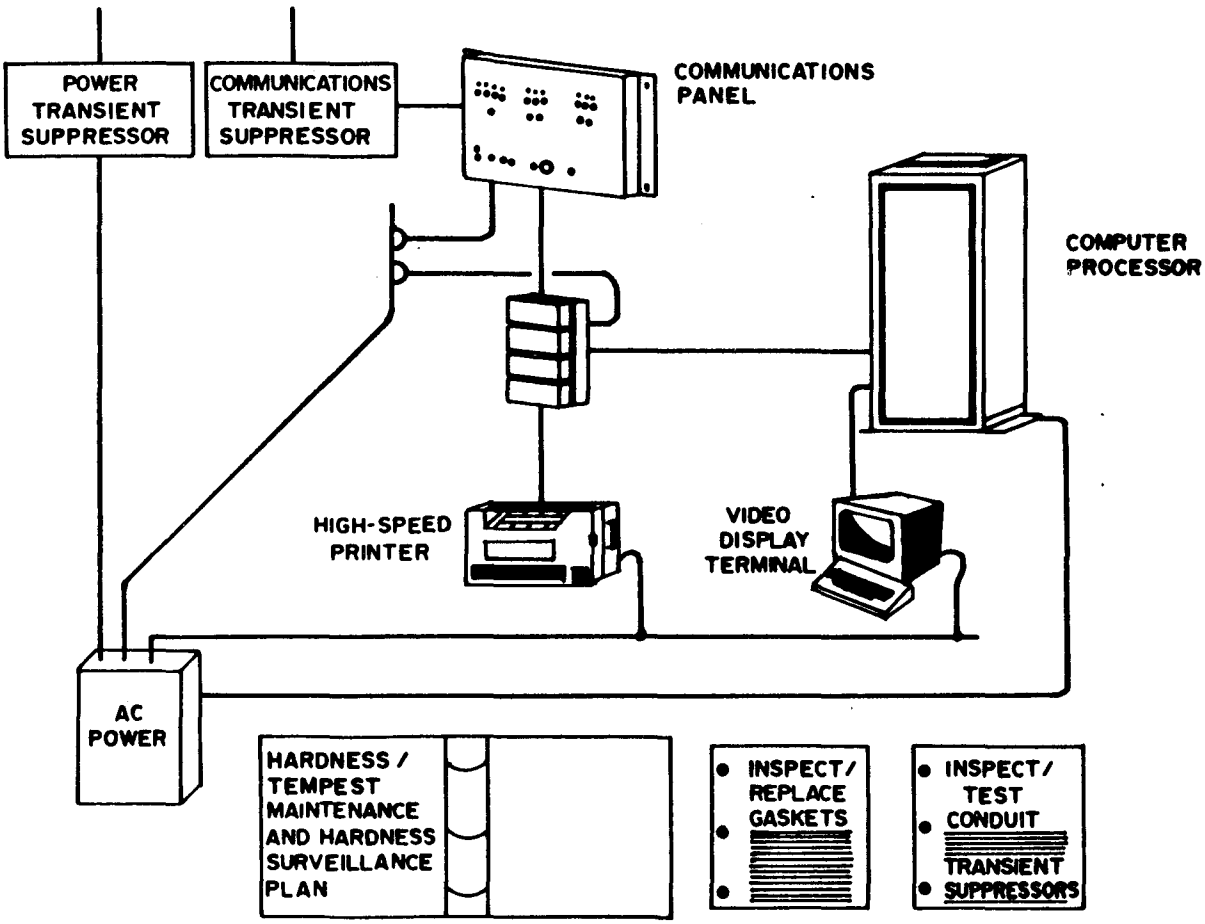

Figure 7-4. Example of maintenance procedures.