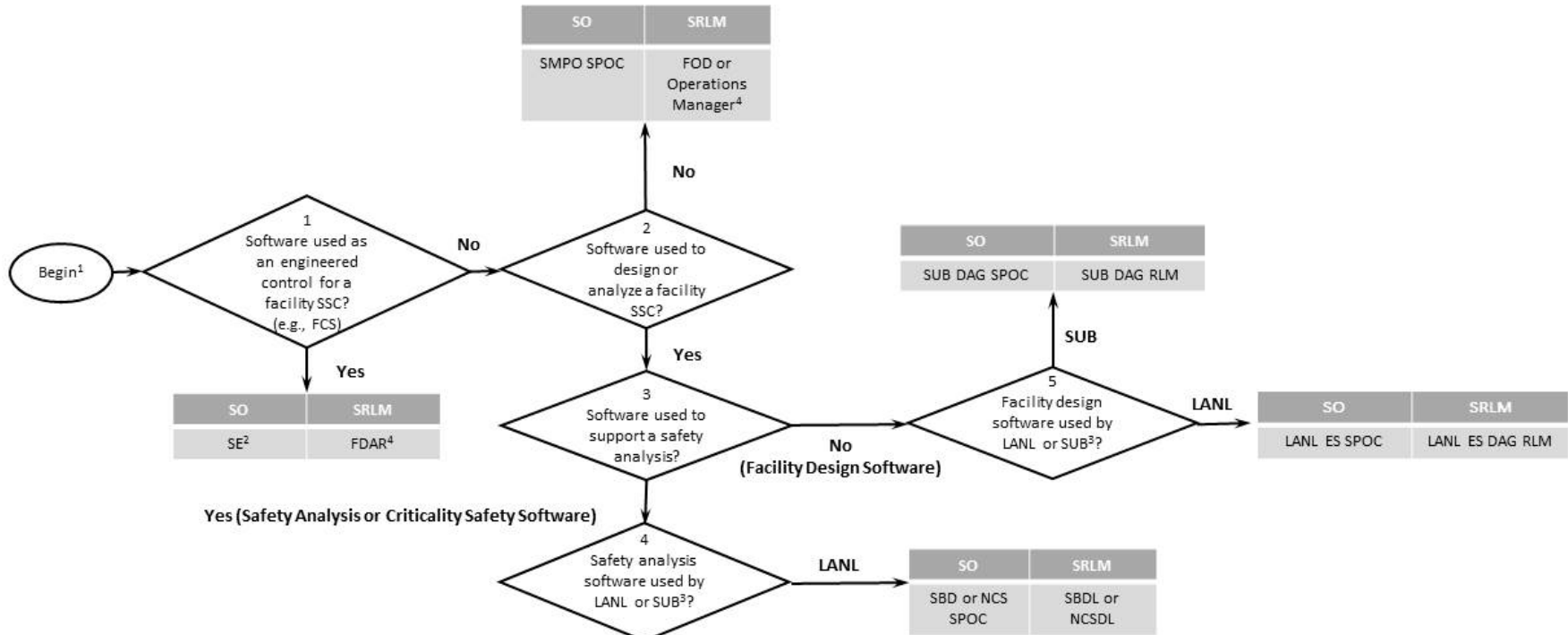**APPENDIX B: CHAPTER 21 SO AND SRLM DECISION DIAGRAM (GUIDANCE)**

Use Figure 21.1-B1 to identify the SO and SRLM. For clarification, contact the Facility Design Authority Representative (FDAR).

- For software used within a single facility/application and/or under a single FDAR, the associated FDAR has the ultimate authority to determine the appropriate SO and SRLM.

- For software used among multiple facilities/applications where there may be multiple FDARs, the LANL Facility Design Authority (DA) has the ultimate authority to make the determination.

- *For fire alarm control panel (FACP) software, the system engineer is the SO. Fire Protection Division Office (FP-DO) provides support to the SO to promote chapter compliance.*

Figure 21.1-B1 Chapter 21 SO and SRLM Decision Diagram (Guidance)

NOTES:

[1] Answer the questions to determine the SO and SRLM.

[2] Once operating, normally the plant system engineer, process engineer, or cognizant system engineer. During larger projects, functions are often performed by Design Agency.

[3] As flowed down in supplier/subcontractor agreement. Criticality Safety decisions use same general logic as SBD.

[4] For software used across multiple FODs, the SMP Program Owner should be the SRLM.

[5] For clarification, contact the FDAR who has the ultimate authority to determine the appropriate SO and SRLM.

[6] See SOFT-GEN App. A, Definitions for administrative and engineered control definitions.

KEY:

A	Analyst
DAG	Design Agency
ES	Engineering Services Division
FAC-COE	Facility Conduct of Engineering
FCS	Facility Control System
FDAR	Facility Design Authority Representative
FOD	Facility Operating Director
MAR	Material at Risk
NCS	Nuclear Criticality Safety
NCSDL	Nuclear Criticality Safety Division Leader

RLM	Responsible Line Manager
SBD	Safety Basis Division
SBDL	Safety Basis Division Leader
SE	System Engineer
SMPO	Safety Management Program Owner
SO	Software Owner
SPOC	Software Point of Contact
SRLM	Software Responsible Line Manager
SSC	System, Structure, Component
SUB	Subcontractor