Appendix A: Project Management Arc-Flash Analysis Flow Chart

1. Query for existing building electrical arc flash analysis files on FAMIS. Does it exist?
   - **Y** Yes
   - **N** No

2. Contact FM Arc Flash Engineer to check out a copy of these files for the project.
   - **Y** Yes

3. Collect data for any 3 phase AC equipment operating from 208 V to 15 kV. Create updated panel schedules & electrical single-line drawings. Apply arc flash hazard labels.
   - **N** No

4. Does project include addition or changes to the electrical 3 phase ac system?
   - **N** No

5. Does the 3 phase ac equipment operate above 240 volts or involves at least one 125 kVA or larger transformer in the immediate power supply?
   - **Y** Yes

6. Project scope must include the update and review of the arc flash analysis.
   - **N** No

7. Project scope must include the creation of the necessary SKM electrical system model and arc flash analysis.
   - **N** No

8. Project scope must include the update of electrical panel schedules. No special arc flash consideration needed.

9. All finalized project files must be transferred to the FM Electrical Engineers for review and work order close out.
   - **N** No

10. Generic arc flash hazard labels may be used (1.2 cal/cm²) for any added equipment.