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1 interdependency descriptions.

With respect to installation problems, it is not unusual for OS software and SPP microcode installation procedures to differ. Systems often allow OS software
5 and SPP microcode to be independently installed. System interruptions are minimized if only one or the other requires a new support release to be installed. Whenever a new system feature is introduced and that feature requires new releases from both the OS software and SPP
10 microcode, the following installation constraints must be considered.

1. If release interdependencies are not properly documented or are misinterpreted by those responsible for the installation, the wrong
15 release levels may be installed or interdependent releases may be omitted. This may result in longer system interruptions and potentially require that a previously installed release be backed out until the
20 interdependent release is obtained.
2. Even though an installation completes successfully, if an interdependent release was omitted, it may not be immediately detected. The system will resume normal
25 operations until the new system feature is invoked.
3. Release and installation of OS software and SPP microcode must be coordinated whenever one or more mutually supported system features
30 are added.

Although the above problems were described in terms of OS software and SPP microcode, it is appreciated that these problems arise in any system that includes a plurality of separate software entities required to
35 support a particular new feature. Similarly, the below-described invention, that solves the problems, although explained in its best mode embodiments with