**FIGURE 1-1. OPERATION OF SYSTEM MAINTENANCE TAPE (PART 2 OF 2)**

- **B. 9020D and 9020E System Maintenance Tape**
  - **When loading via IOCE; tests 11 INS**
    1. IPL loads Go/No-Go.
    2. Go/No-Go tests IOCE and then loads Basic Storage Test.
    3. Basic Storage Test tests MACH storage and then returns to Go/No-Go for loading of IDM.

- **When loading via CE:**
  1. IPL loads Go/No-Go. **TEST 15 INS**
  2. Go/No-Go tests CE and then loads Basic Storage Test.
  3. Basic Storage Test tests first 128K (decimal) of SE and then returns to Go/No-Go for loading of Hardware.
  4. Hardware tests CE and then loads SDM.
  5. SDM waits for entry of input messages. Sections that can be run, depending on availability of units, are:
     - **BRING UPS**
     - D1101-D1103 Basic CE Test
     - D1108 Basic Diag and Logout
     - D1111-D1115 CEDA
     - D1151-D1358 CE Function Tests
     - D13CD CE Random
     - D1DA3 Direct Control
     - D240-D22AA SE and DE Storage
     - D3051-DC61 Same as left but also including
     - D6CA6 7265-03 Config Console

- **6. Enter LMDM/ message to SDM at any time to load MDM/D/E. All the above listed sections plus the following run under MDM/D/E:**
  - MDM waits for ENTITY OF HP MESSAGE
  - D24A0 DE/DG Interface
  - D46A0 TCU Dual Interface
  - D6AA0 321 Dual Interface
  - D6CA4 7262-02 System Console
  - D80A0 DASF Two Channel Sw
  - D80A1 DAU Two-Processor Sw
  - DCCA0 FAM Dual Interface
  - DDEA2 DAR/DAR Mask
  - DD80A Configuration Control
  - DD90A ATR Controls
  - DDA0 SSU Multi-Element
  - DDEA1 IOCE Processor
  - DDEA3-DE5CA SEVA Program Acceptance Test Sections

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