```
        NSC INPUT CHANNEL                    EXTERNAL DEVICE


1       RESUME ───────────────────────►

2       RESUME ───────────────────────►

3       RESUME ───────────────────────►

4       RESUME ───────────────────────►

5                                      ◄─── PARCEL 0 WITH READY ──────

6                                      ◄─── PARCEL 1 WITH READY ──────

7                                      ◄─── PARCEL 2 WITH READY ──────

8                                      ◄─── PARCEL 3 WITH READY ──────

9     IF NO DISCONNECT GO TO STEP 1    ◄─── DISCONNECT ───────────────
```

                                                    A-1868A
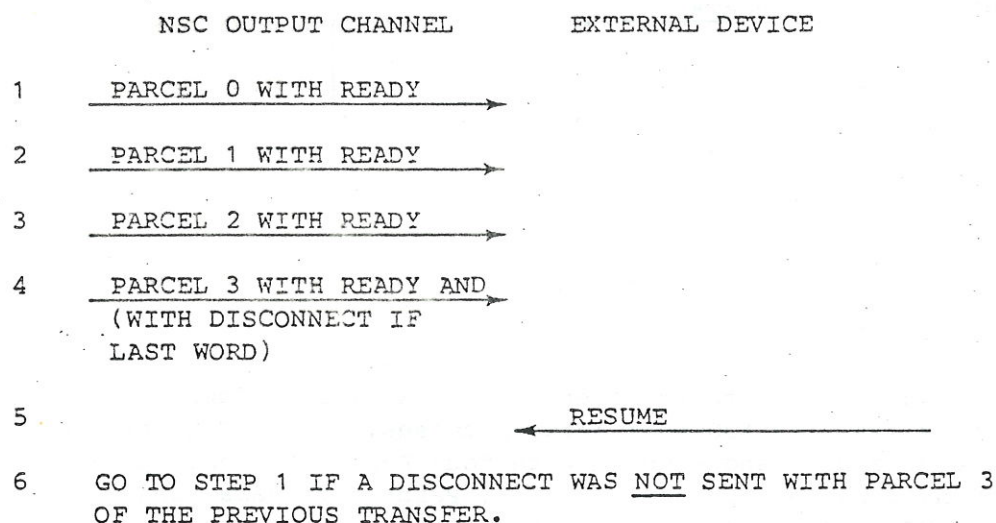
Figure 5. NSC INPUT CHANNEL PROTOCOL

When the output channel wants to transfer data it will send four Ready
pulses (each pulse is 48 nsec with 48 nsec between each Ready) and four
parcels of data (one parcel per Ready).

The NSC Interface Box, if it accepts the data, will return just one Resume
pulse (48 nsec) for the four parcels received. The output channel will
send a 48 nsec Disconnect pulse when the transfer is complete. See
Figure 6.

```
        NSC OUTPUT CHANNEL          EXTERNAL DEVICE

1       PARCEL 0 WITH READY ───────►

2       PARCEL 1 WITH READY ───────►

3       PARCEL 2 WITH READY ───────►

4       PARCEL 3 WITH READY AND ────►
        (WITH DISCONNECT IF
        LAST WORD)

5                              ◄─── RESUME ────────────────
```

6   GO TO STEP 1 IF A DISCONNECT WAS NOT SENT WITH PARCEL 3
      OF THE PREVIOUS TRANSFER.

                                                    A-1869A

Figure 6. NSC OUTPUT CHANNEL PROTOCOL