

**Program Definition Sheet:  
Restore Program**

*Attn: System Administrator  
January 18, 2000*

**RESTORE DATA:** Restores data; changes system to run level 2; initializes the PS, OP, and PO modules.

This program is used after a failed end of day, which did **NOT FAIL IN THE BACKUP**. It is only run AFTER consultation with Compu-Power Support Staff.

Record **ALL** the error information displayed on the screen prior to exiting back to login. This information is required to determine and to correct the cause of the failure.

Login as **restore** on the terminal normally used for end of day. The system will display:

```
WARNING!!!      WARNING !!!      WARNING!!!      WARNING!!!      WARNING!!!      WARNING!!!

>  The purpose of this program is to restore your data from your backup tape after a failed End of
    Day procedure.

>  The program then puts the system into multi-user mode after completion of a successful restore.
    If the restore is not successful, the system will remain in single user mode.

>  This program should NOT BE RUN if End of Day has failed during backup.

>  You must receive authorization from Compu-Power, Inc. support staff before running this program.

>  If the data restore is not successful or if the system remains in single user mode, call Compu-
    Power support for assistance.
    DO NOT REBOOT THE SYSTEM.  THE SYSTEM MUST NOT BE USED AT THIS TIME.

Have you received authorization from Compu-Power to proceed? (Y/N)
    Enter Y and ↵
Are you sure? (Y/N)
    Enter Y and ↵
Place tape to restore in tape drive and press <CR> when ready
    Depress ↵
```

A shut down message will display and the system will be changed to run level 4.

Example:



```
Broadcast message from root@43p100 (tty) at HH:MM:SS
```

```
The system will be shut down in 60 seconds.  
Please log off now.
```

```
Broadcast message from root@43p100 (tty) at HH:MM:SS
```

```
THE SYSTEM IS BEING SHUT DOWN NOW !!!  
Log off now or risk your files being damaged.
```

All other users will be automatically logged off.

The tape will begin to restore.

```
Restoring Tape
```

```
cpio - icduvc20 < /dev/rmt0  
/data/trak/..../  
/data/trak/..../psdrwr.0023  
/data/trak/..../accsub.mst  
/data/trak/..../accsub.srt  
/data/trak/..../glacct.mst
```



If the restore was successful, the following will display:

```
/data/trak/.../upda.log
Changing to run level 2 - Standby
Restore was successful. System is now in multi-user mode
Press AE@ and <CR> to exit
```

Press **■** and **↵** to return to login.

The system is now available for normal operations.

**DO NOT** attempt to run another End of Day until the problem causing the failure has been resolved.

### **FAILED RESTORES:**

The following are examples of failed restores:

```
cpio -icduvC20 < /dev/rmt0
The device is not ready for operation.
/dev_a/work/tire/trakprogs/util/rest_init[87]: /dev/rmt0: 0403-016 Cannot
find or open the file.
Restore was unsuccessful. Please call Compu-Power for assistance.
Enter AE@ then <CR> to exit.
```

```
cpio: 0511-037 Cannot read from the specified input.
Enter the device or file name when ready to continue.

Restore was unsuccessful. Please call Compu-Power for assistance.
Enter AE@ then <CR> to exit.
```

Press **■** and **↵** to return to login.

The system will remain in run level 4.

**DO NOT CONTINUE.**  
**DO NOT RE-BOOT.**  
**CALL CUSTOMER SUPPORT FOR ASSISTANCE.**



