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**APPLICATION NOTE - BACKING UP DAS8/DGR33A  
DISK FILES TO TAPE**

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**SUMMARY**

For users wishing to back up a file to tape and then continue collecting data without shutting down the system, RMS suggests one of the following methods. These notes are applicable to Software Versions RMS1551-01-H and later.

**METHOD A**

1. Start up with disk and tape.
2. Optionally open a different disk file.
3. Back up to tape.
4. Remove or change tapes.
5. Compile. This will automatically open the file.
6. Start scanning.

**METHOD B**

1. Start up with disk and tape.
2. Compile. This writes on the tape, so do next step.
3. Rewind tape.
4. Put tape off line (Tape Functions, D 9).
5. Scan for as long as necessary.
6. Put tape on line (Tape Functions D 0).
7. Back up file to tape.
8. Put tape off line or remove tape.
9. Open a file and start scanning.

**NOTE:** You must start up with a tape in the drive to be able to write to the tape at any time during operation. The DAS8/DGR33A distinguishes between "tape off", which is a temporary condition, and "no tape", which is permanent.

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