

8 Annunciator Alarms

The drift chamber supplies two inputs to the BetaAlarm3 system to generate annunciator alarms:

- Gas System Failure (Nanoautomate “Annunciator Alarm” output 3–6)
- Cooling Failure (SIAM #2 output)

Instructions on how to respond to an alarm are given in the “Care and Feeding” manual, available both as a printout in the control room and online¹. Note that the gas system is designed to return to a safe state without requiring intervention by people on shift. The html versions of the instructions are referenced from the safety web page.

Gas hut alarms produce a separate annunciator alarm and do not generate a “Gas System Failure” alarm.

¹ www.slac.stanford.edu/BFROOT/www/Detector/Operations/CareAndFeeding/care