

Title:	Backup Machinery Refrigeration Failure			ID:
				0341
Date in:	Response:	Model:	Author:	
2009-03-13	2009-03-13		CMa	

Q:

What additional equipment necessary to maintain for the station in emergency situations (disruption of electricity, failure of the refrigeration unit, etc.)?

A:

We recommend a (diesel) emergency power generator, a short term (battery) backup power supply and / or a reservoir of LN2 (liquid nitrogen). This LN2 container needs to be refilled~every 2 weeks - every month - even if not used. The battery power supply (~5kW) is needed to bridge the time until the diesel generator is providing electricity.