

1 Q. With reference to the Project **C-67, Replace Battery Banks and Chargers 2013**,
2 Hydro cites a typical service life of 18-20 years for flooded-cell batteries and 7-10
3 years for VLRA batteries. What is the source for this information?
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6 A. A service (design) life of 20 years is quoted in the manufacturer's data sheets for
7 flooded-cell batteries. The typical service life of flooded-cell batteries can be
8 reduced to 18 years for such a battery depending on the environmental conditions
9 and the number of discharge/recharge cycles actually experienced. A service
10 (design) life of ten years is quoted in the manufacturer's data sheets for VRLA
11 batteries. The typical service life of flooded-cell batteries can be reduced to seven
12 years for such a battery depending on the environmental conditions and the
13 number of discharge/recharge cycles actually experienced.