**Description**

Reported by Sameer Kumar, CkLoop reportFinished() needs a write fence to guarantee that results are visible to the thread that made a sync call to CkLoop (i.e., is waiting for results). Also missing read fence in isFree(). waitLoopDone seems OK because of the locks.

**History**

#1 - 07/03/2017 04:02 PM - Phil Miller

- Target version changed from 6.8.0 to 6.9.0

The group discussed this in core at some point. The code is apparently fine on x86 with its strict memory ordering semantics. Post 6.8, we'll switch to using native C++11 atomics to portably address these issues in full.

#2 - 07/05/2017 01:36 PM - Jim Phillips

Are CmiMemoryReadFence and CmiMemoryWriteFence somehow not portable and sufficient? Otherwise 6.8.0 CkLoop is broken on both Power and ARM.

#3 - 07/11/2017 01:36 PM - Eric Bohm

- Assignee set to Seonmyeong Bak