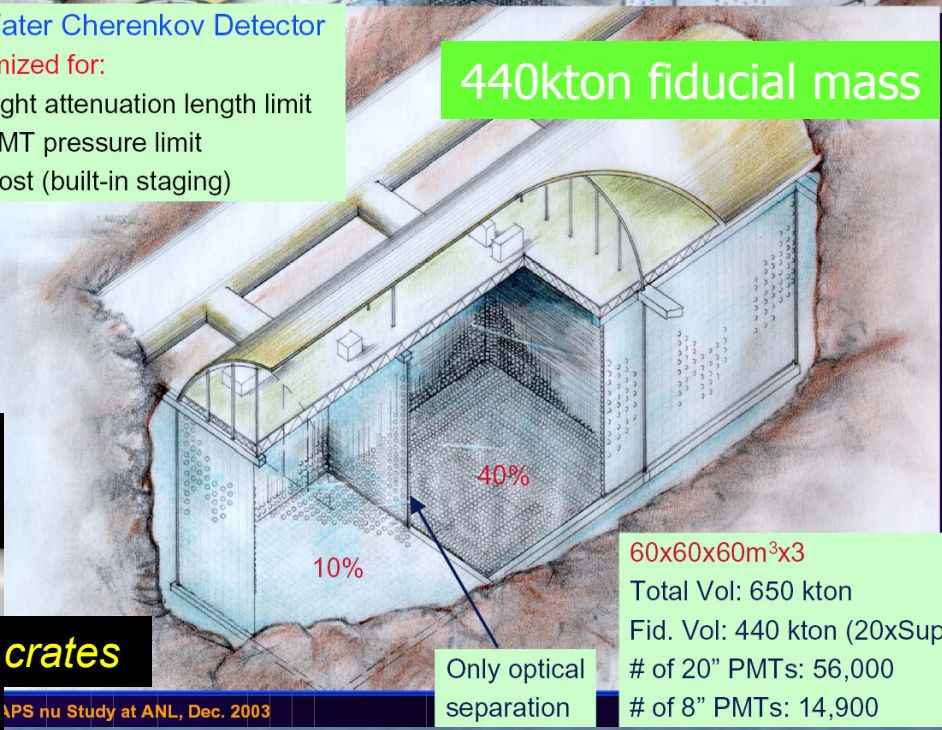
# UNO Detector Conceptual Design

A Water Cherenkov Detector
optimized for:

- Light attenuation length limit
- PMT pressure limit
- Cost (built-in staging)

440kton fiducial mass




60x60x60m$^3$x3
Total Vol: 650 kton
Fid. Vol: 440 kton (20xSuperK)
# of 20" PMTs: 56,000
# of 8" PMTs: 14,900

Only optical separation

*nic crates*