

# Nucleon Decay Task Force

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Joint atmospheric nu + pdk TF Mtg

# Scope of TF efforts

- Prepare text for CD-1 Refresh CDR
  - Deadlines:
    - 15 April - Draft ready for collaboration mtg
    - 5 May - Complete draft ready for project office
    - 19 May - Complete CDR ready for Director's review
  - Page Count guidelines:
    - 5 pages for nucleon decay
    - 3 for atmospheric neutrinos
    - 2 for joint discussion of detector requirements.

# Status of CDR Text for pdk

- Have inserted & trimmed text from LBNE Science Document (Sec 2.3 & Chap. 5)
  - see arXiv:1307.7335, also posted at lbne.fnal.gov
  - Would like to have input from LBNO-LAGUNA WP5 document as well
  - Draft CDR text posted on indico page for this mtg.
  - Generally needs work

# Detector Requirements

- Will talk about this after update from atm. Nu TF conveners.
- Basically hope to draw from previous (LBNE/LBNO) efforts
- But this is also an opportunity to re-engage people in scientific studies and discussions regarding what should drive the detector design.