AD PMT Feedthrough Options

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Daya Bay Collaboration Meeting, Aug 1-3, 2007, IHEP, Beijing

Options

The present baseline design includes feedthroughs of Teflon coated RG303 cable between mineral oil and an N2 volume. These are problematic and unnecessary.

A simple improvement is to extend the N2 chimney above the liquid level of the mineral oil, and omit the RG303 feedthroughs.

A better option is to route the RG303 cables into the mineral oil overflow tank, and connect to RG58 cables that pass through the lid of that tank.

