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Q: Where is the boundary between light and heavy beams?[Hendrik Schatz] [Q: 4:28 PM]
A: Around mass 20. Lithium would be hard, while Z=16 would be fine.

Q: The beam calculator does not allow calc for ^{8}He. Does the gas stopper work for ^{6,8}He?[Lee Sobotka] [Q: 4:33 PM] A: No unfortunately He will not come out of the He-stopper. He beams will require the solid stopper.

Q: Someone will discuss targets.?? That's a critical element for LR RNB work...Most commercial sources are gone(MicroMatter for example) ..as are many of the target makers and their expertise/equipment[Fred Becchetti] [Q: 4:37 PM]
A: No, no discussion of that. Some capability exists, but you are correct that it will be a problem to get many targets.

Q: What are the stable beam intensities for the Linac ?[Calem Hoffman] [Q: 4:40 PM]
A: There will be an off-line ECR, so stable beams will be available. The intensity will be a few particle nano amps. We have not thought about this much yet.

Q: What is the intent of the letters of intent?[Wolfgang Mittig] [Q: 4:57 PM]
A: First beams and equipment. It will help us set priorities.

Q: What is the transverse phase space of the beam?[James Kolata] [Q: 4:56 PM]
A: Expected beam properties include a transverse normalized emittance of 0.6 pi mm mrad and a longitudinal emittance of 0.29 pi keV ns for 90% of the beam at 0.6 MeV/u.

Q: Any thin target making facilities planned at RA3??..[Fred Becchetti] [Q: 5:01 PM] [A: 8:23 AM]
A: No. We can do simple things, but not hard things.

Q: Tech Q: An RF cavity solenoid can quench w/o damage/downtime of system..??[Fred Becchetti] [Q: 4:59 PM] [A: 8:24 AM]
A: I am told it should be protected.

Q: How short a lifetime on reacc isomers (ms??)[Fred Becchetti] [Q: 5:07 PM] [A: 8:28 AM]
A: Probably 50-100ms.