



Comment

Sep. 14th, 2022

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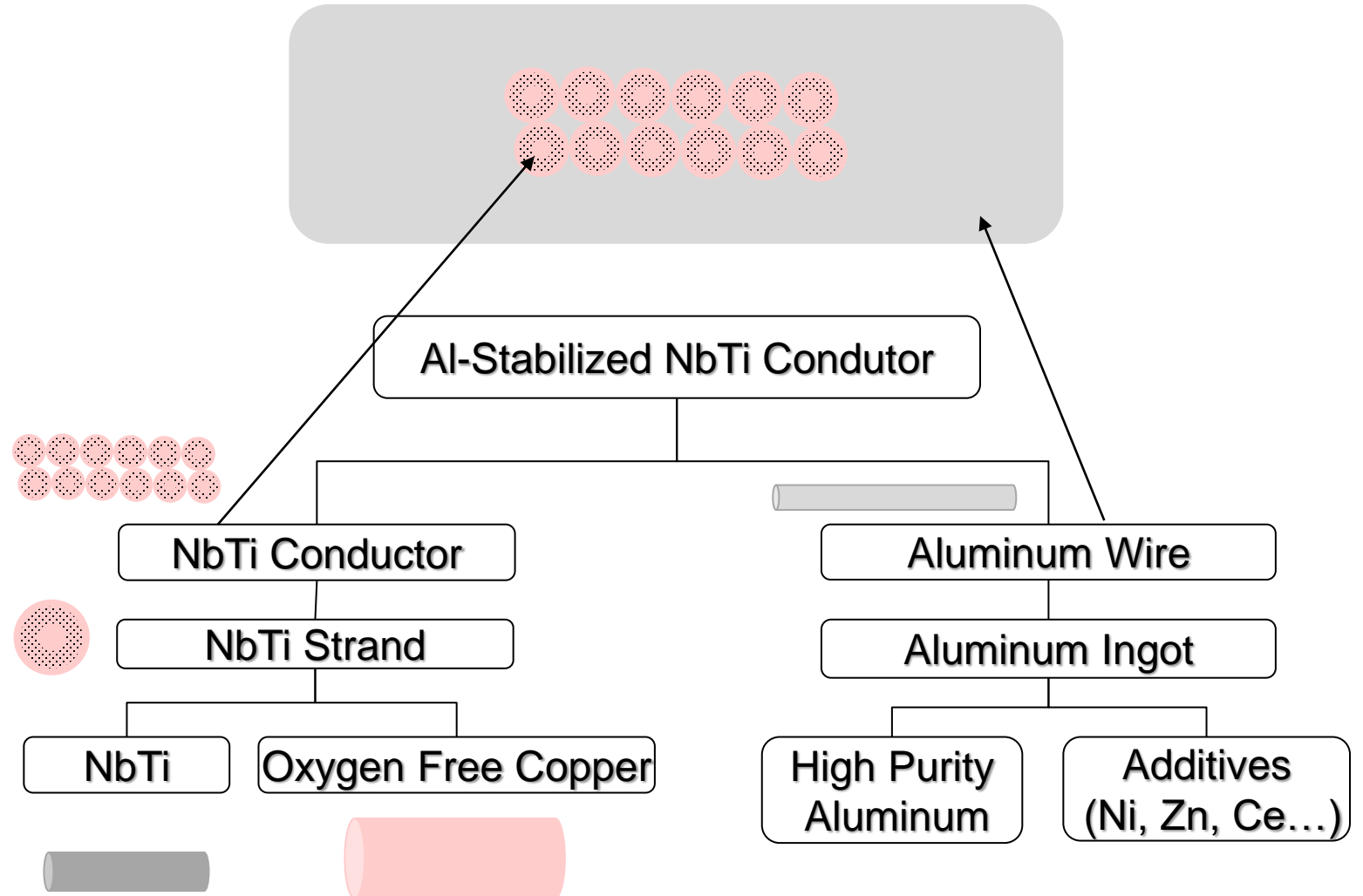
SuperPower Inc. (SPI)

Furukawa Electric Co. Ltd. (FEC)

Al-Stabilized NbTi conductor

Requirement:

- I_c
- RRR
- Strength
- Bonding between Al and NbTi conductor
- Dimension
- Defect
- Piece length



| Items | Co-extrusion | CICC | WIC |
|-------------------|-------------------|------------------------|----------------------------------|
| Combining Process | Detector Outside | Fusion (ITER) Outside? | MRI etc In house ? |
| Stabilizer | high purity Al-Ni | Conduit ? Al wire ? | Cu-clad high purity Al ? Cu ? |
| Ic | X | X | X |
| RRR | X | High purity Al ? | High purity Al ? Cu? |
| Strength | Cold work | ? | ? |
| Bonding | Diffusion | ? | Soldering |
| Dimension | Drawing | Conduit | Channel |
| Surface Defect | | | |

Thank you for your attention !

