

US Plug Alloys and Designs in Service

- Of the more than 8,000 tubes plugged in service and reported in the SGMP Degradation Database the vast majority are Alloy 690 mechanical plugs
 - Approximately 80 tubes have welded Alloy 600 plugs
 - 15 units
 - Majority shop-welded
 - Approximately 10 tubes have mechanical Alloy 600 plugs
 - Two units
 - One has mechanical Alloy 690TT plug-in-a-plug
 - The other 9 have mechanical Alloy 600TT plug-in-a-plug
- Inspections
 - Visual prior to each eddy current inspection for signs of leakage
 - Visual and process validation during installation
- No recent operating experience in the US