

Supplementary Materials: The Microstructure and Mechanical and Corrosion Behaviors of Thermally Aged Z3CN20-09M Cast Stainless Steel for Primary Coolant Pipes of Nuclear Power Plants

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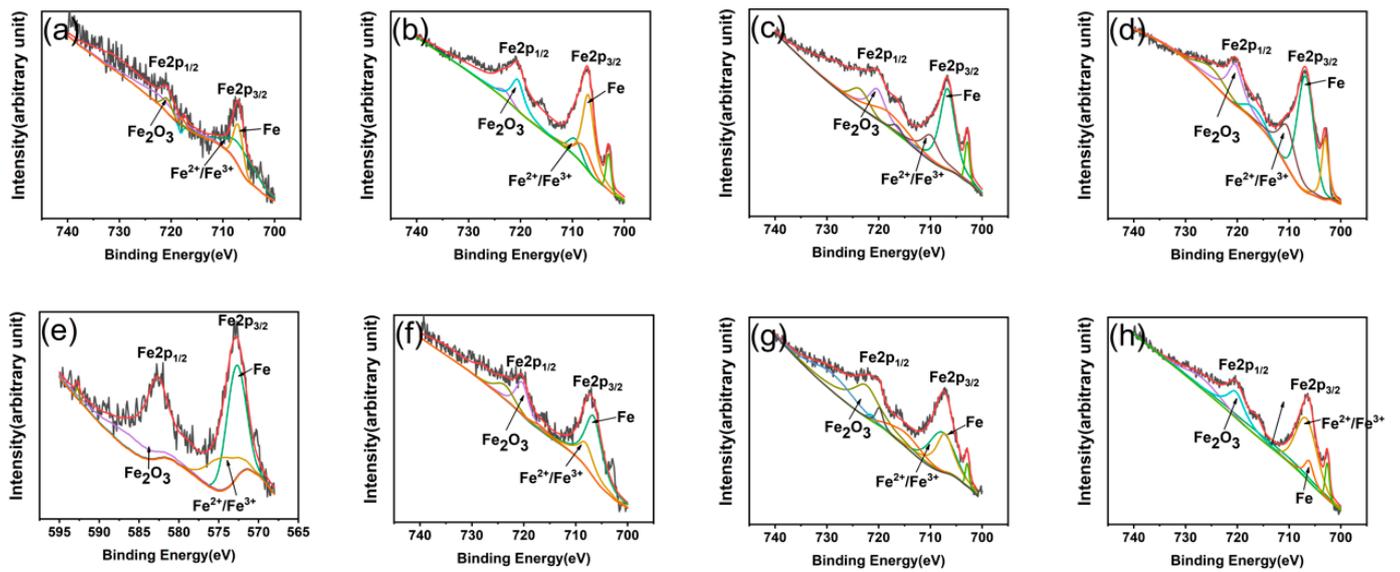


Figure S1. XPS energy spectrum of iron of Z3CN20-09M stainless steel at different aging time: (a) 0 h, (b) 272 h, (c) 544 h, (d) 1000 h, (e) 3000 h, (f) 6000 h, (g) 10,000h, (h) 15,000h.

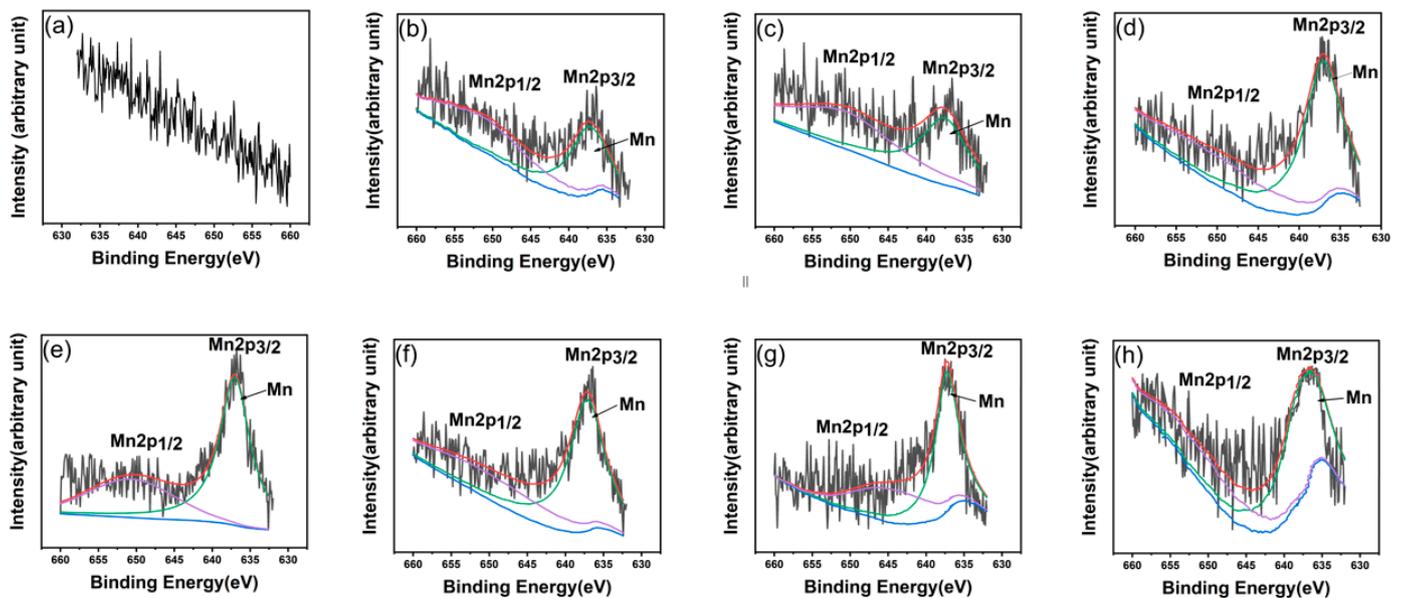


Figure S2. XPS energy spectrum of manganese of Z3CN20-09M stainless steel at different aging time: (a) 0 h, (b) 272 h, (c) 544 h, (d) 1000 h, (e) 3000 h, (f) 6000 h, (g) 10,000 h, (h) 15,000 h.