AWS D1.1 Interpretation

Subject: Fillet weld inspection
Code Provision: Section 6
AWS Log: INQ-45

Inquiry:
(1) Does D1.1-2002 require fillet welds to be subject to RT requirements?
(2) Fillet welds subject to MT shall be evaluated based on visual inspection criteria. If these welds have successfully passed the MT test based on visual acceptance criteria Table 6.1 but do not pass the RT criteria applicable to CJP welds, will it be considered as Gross Non Conformance to D1.1-2002 Section 6.6.5?
(3) Does D1.1-2002 require the fillet welds which are permitted to have a gap of up to 5 mm by AWS section 5.22 to comply with the same acceptance criteria as applied to the CJP welds?

Response:
(1) No
(2) Since the Code does not address the RT of fillet welds, the acceptability of RT-detected discontinuities is exclusively a contractual issue. The application of 6.6.5 to the detection of flaws unacceptable to such contractual criteria is an issue to be decided between the contracting parties.
(3) No