AWS D1.1 Interpretation

Subject: WPS Qualification using ASTM A 514
Code Provision: Tables 4.8 and 4.9
AWS Log: D1.1-06-I03

Inquiry:
(1) If I qualify a WPS using ASTM A 514 (2 inches) to itself, can I substitute ASTM A 514 (3 inches) to itself in this WPS without requalification?
(2) If I qualify a WPS using ASTM A 514 (3 inches) to itself, can I substitute ASTM A 514 (2 inches) to itself in this WPS without requalification?
(3) If I qualify a WPS using ASTM A 514 (2 inches) to ASTM A514 (3 inches), can I substitute ASTM A 514 (3 inches) to itself in this WPS without requalification?
(4) If I qualify a WPS using ASTM A 514 (2 inches) to ASTM A514 (3 inches), can I substitute ASTM A 514 (2 inches) to itself in this WPS without requalification?

Response:
(1) Yes, provided there is no change in grade or increase in specified minimum yield strength. See Table 4.8.
(2) No. This results in an increase in specified minimum yield strength. See Table 4.8.
(3) Yes, provided there is no change in grade or increase in specified minimum yield strength. See Table 4.8.
(4) No. This results in an increase in specified minimum yield strength. See Table 4.8.