**Attachment for section 2.2: Statement of authorship**

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**Figure 2.2.1** (Odette, G., et al. Recent Developments in Irradiation-Resistant Steels. Annu. Rev. Mater. Res., 38(1):471, 2008.)

**Figure 2.2.2** (Kim, S.W., et al. Kinetic Approach for Growth and Coalescence of Nano-Size Oxide Particles in 9Cr-ODS Steel Using High-Energy Synchrotron Radiation X-rays in SPring-8. Mater. Trans., 50(4):917, 2009)

**Figure 2.3.1** (J. Ciston Y. Wu, G.R.O.P.H. The Structure of Nanoscale Precipitates and Precipitate Interfaces in an Oxide Dispersion Strengthened Steel, 2011)

**Figure 2.3.2** (Yamashita, S., et al. Formation of nanoscale complex oxide particles in mechanically alloyed ferritic steel. Philos. Mag. Lett., 84(8):525, 2004)

**Figure 2.3.3** (Hoelzer, D.T., et al. Influence of particle dispersions on the high-temperature strength of ferritic alloys. J. Nucl. Mater., 367:166, 2007)

**Figure 2.3.4** (Klimiankou, M., et al. Energy-filtered TEM imaging and EELS study of ODS particles and argon-filled cavities in ferritic-martensitic steels. Micron, 36(1):1, 2005.)

**Figure 2.3.5** & **Figure 2.3.6** (Lozano-Perez, S., et al. Achieving sub-nanometre particle mapping with energy-filtered TEM. Ultramicroscopy, 109(10):1217, 2009)

**Figure 2.3.7** (Badjeck, V., et al. New insights into the chemical structure of Y2Ti2O7-d nanoparticles in oxide dispersion-strengthened steels designed for sodium fast reactors by electron energy-loss spectroscopy. J. Nucl. Mater., 456:292, 2015.)

**Figure 2.3.8** (Miller, M., et al. Atom probe tomography of nanoscale particles in ODS ferritic alloys. Mater. Sci. Eng. A, 353(2003):140, 2003.)

**Figure 2.3.9** (Miller, M.K., et al. Characterization of precipitates in MA/ODS ferritic alloys. J. Nucl. Mater., 351(1-3):261, 2006)

**Table 2.3.4** (Marquis, E.A. Core/shell structures of oxygen-rich nanofeatures in oxide-dispersion strengthened Fe-Cr alloys. Appl. Phys. Lett., 93(18):181904, 2008.)

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**Figure 2.3.11** (Lescoat, M.L., et al. Radiation-induced Ostwald ripening in oxide dispersion strengthened ferritic steels irradiated at high ion dose. Acta Mater., 78:328, 2014.)

**Figure 2.4.1a** (Alamo, A., et al. Assessment of ODS-14% Cr ferritic alloy for high temperature applications. J. Nucl. Mater., 329:333, 2004.)

**Figure 2.4.1b** (Oh, S., et al. Irradiation hardening and embrittlement in high-Cr oxide dispersion strengthened steels. J. Nucl. Mater., 386:503, 2009.)

**Figure 2.4.2** (Yutani, K., et al. Evaluation of Helium effects on swelling behavior of oxide dispersion strengthened ferritic steels under ion irradiation. J. Nucl. Mater., 367-370:423, 2007.)

**Figure 2.4.3** (Monnet, I., et al. Microstructural investigation of the stability under irradiation of oxide dispersion strengthened ferritic steels. J. Nucl. Mater., 335(3):311, 2004.)

**Figure 2.4.4** (Allen, T., et al. Radiation response of a 9 chromium oxide dispersion strengthened steel to heavy ion irradiation. J. Nucl. Mater., 375(1):26, 2008.)

**Figure 3.7.2** Results and figure produced in collaboration with V. Migunov, produced with permission.

**Figure 3.7.6** (Oberdorfer, C., et al. On the field evaporation behavior of dielectric materials in three-dimensional atom probe: a numeric simulation. Microsc. Microanal., 17(1):15, 2011.)

**Figure 4.4.6** (Kalokhtina, O. Study Of The Formation Of Nano-particles In Ods And Nds Steels By Atom Probe Tomography. Ph.D. thesis, Universite de Rouen, 2012.)