

Statement of Material Facts  
As to Which No Genuine Issue Exists

1. The recombiners to be installed at PNPP are part of a system designed to reduce combustible gas concentrations within containment following a design-basis LOCA for which the maximum hydrogen concentration calculated for the drywell and containment after a design-basis LOCA is 3.5 volume percent. PNPP SER § 6.2.5 p. 6-14.
2. The recombiners at PNPP are not designed to, and will not, accommodate the large amounts of hydrogen that might be generated in a degraded core accident. PNPP SER § 6.2.5.
3. Cleveland Electric Illuminating Company (CEI) will provide a distributed igniter system at PNPP to deal with a large amount of hydrogen generation from a degraded core accident. SER § 6.2.7.
4. CEI has submitted a hydrogen control program to NRC and is a member of the Hydrogen Control Owners Group (HCOG) which is sponsoring a test program for an igniter system designed to control hydrogen produced by a 75% metal-water reaction. (Letter, dated July 19, 1984, Edelman to Youngblood; PNPP SER § 6.2.7; Stefano Affidavit).