FAQs: Turbines

1. Does NEMA have any standards, etc. for governors for rotating equipment? I have heard of NEMA standards, specifications, category's, etc being quoted for a variety of applications with rotating machinery. For example, steam turbine governor systems to "NEMA Class C" and our Italian customer is specifying a gas turbine governor system to "NEMA Class D".

Does NEMA have any standards, etc. for governors for rotating equipment? I have heard of NEMA standards, specifications, category's, etc being quoted for a variety of applications with rotating machinery. For example, steam turbine governor systems to "NEMA Class C" and our Italian customer is specifying a gas turbine governor system to "NEMA Class D". Section 3 in Both SM 23 (Steam Turbines for Mechanical Drive Service) & SM 24 (Land Based Steam Turbine Generator Sets 0 to 33,000 KW) address controls, including governing systems. Table 3-1, "Speed Governing System Classification" contains a reference to D class of governing system. This table is identical in both documents; both are available from Global Engineering at 800.854.7179 or at www.global.ihs.com.