

### **N156. SG Annulus Seal**

Nuclear Energy Services, Inc. (NES) has developed and installed a steam generator (SG) annulus seal. Specifically, the annulus seal is designed to seal the annulus between the outer and inner shells in the steam generator below the girth weld. Consequently, the water level in the inner shell can be raised above the U-tubes, thus providing shielding for such activities as girth weld inspection and repair and feedwater sparger inspection and repair. The seal also provides a stable work platform for personnel working in the annulus. Four NES SG Annulus Seals are in used at Consolidated Edison Company of New York Inc. Indian Point Nuclear Plant.

*Taken From: "SG Annulus Seal," Nuclear Plant Journal, September-October 1991, p. 30.*