

From: Lawrence Rossbach
To: Allan.haeger@Exeloncorp.com; Arnold.Koslow@GENE.GE.com
Date: 5/24/01 3:36PM
Subject: EPU SRXB issues list

The issues for on-site review by staff from our Reactor Systems Branch (SRXB) are attached. We are planning to discuss these with you tomorrow during a 1:30EDST phone call.

CC: Anthony Mendiola; Edward Kendrick; Stewart Bailey

Docket Nos. 50-237, 50-249, 50-254, 50-265

Exelon Dresden(DNPS) &Quad Cities(QCNPS) EPU

Request for Additional Information areas

under consideration for resolution by on-site review

at GNF Wilmington (or GE San Jose)

Review areas:

- Review nominal Exelon EPU equilibrium cycle “bounding parameter” core design analyses and use of approved methodology (TGBLA-04, PANAC-10, ODYN-10)
- Review analyses supporting application of MELLLA to the Exelon EPU operating regime (including SLO) and the “partial” adoption of the ARTS program for AOO fuel protection
- Review available analyses on mixed vendor reload transition EPU core design analyses (lead Dresden (DNPS) unit from 9x9 fuel lattice design (SPC ATRIUM-9) to 10x10 (GNF GE-14), in comparison with nominal GE14 equilibrium cycle
- Review COBRAG T/H subchannel code application and qualification as source of added “data” points for development/validation of the GEXL correlations [extension of DAEC EPU review]
- Review the co-resident fuel type (SPC ATRIUM-9) GEXL96 CPR correlation use of accepted statistical formulations for Exelon EPU reload core analyses