

Linking Document Database

Stephen J. Sommer
Westinghouse Safety Management Solutions, LLC
PO Box 5388
Aiken, SC 29804-5388
(803) 502-9727
steve.sommer@wxsms.com

Objective – To identify all requirements within a facility’s Authorization Basis (AB) and the means to ensure their implementation, to maintain this information, and to provide facility personnel with ready access to this information.

Significant work is expended to develop a facility’s AB. Subsequent failure to maintain compliance with this AB can result in offsite consequences, personnel injury, facility damage, and financial losses. A means to assure all requirements are identified and implemented, and made readily available to facility personnel, assists in the protection of the facility’s AB.

Description – Several incidents of noncompliance with a facility’s AB documentation occurred within a short time period at the Savannah River Site. To reduce the potential for AB noncompliance several facilities at SRS developed Linking Document. Within the Spent Fuels Storage Division a team was identified to develop a Linking Document for each of three (3) facilities. The team individually reviewed the Basis for Interim Operation (BIO) for K-Area and L-Area and the Final Safety Analysis Report for the Receiving Basin for Offsite Fuels (RBOF). This review identified each requirement stated within the applicable AB document. The team then grouped these requirements into master commitments, which are a broad statement of the related requirements. Each requirement was then reviewed to identify any relationship to individual Technical Safety Requirements (TSRs) and to determine the document or documents that ensure implementation of the requirement. A relational database (Microsoft Access 97) application was developed to support this effort. The Linking Document Database (LDD) was used to assist the team in developing each facility’s Linking Document and is used on an ongoing basis to provide facility personnel with ready access to their specific Linking Document. The LDD provides a hard copy printout for use in a facility’s control room and an online version on the SRS intranet.

Results – The Linking Document process provides a means to identify each requirement contained within a facility’s AB and ensure the means for its implementation. The availability of

The LDD provides documentation of facility compliance for DOE and QA audits.