

NRC INSPECTION MANUAL

IOLB

INSPECTION PROCEDURE 83502

EVALUATION OF PUBLIC RADIATION SAFETY

P R O G R A M A P P L I C A B I L I T Y :
2515

83502-01 INSPECTION OBJECTIVE

To determine the root causes and the extent of significant performance findings identified during the baseline inspection program, by the public radiation safety performance indicator, or from Licensee Event Reports (LERs). The procedure provides a thorough and broad evaluation of the inspection areas to determine the impact of significant findings to ensure adequate protection of public health and safety from exposure to radioactive material released into the public domain as a result of routine civilian nuclear reactor operations.

83502-02 INSPECTION REQUIREMENTS

02.01 Inspection requirements are specified in the attachments to this procedure for each of the following inspection areas :

- a. Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems (Attachment 01)
- b. Radioactive Material Processing and Transportation (Attachment 02)
- c. Radiological Environmental Monitoring Program and Radioactive Material Control Program (Attachment 03)

83502-03 INSPECTION GUIDANCE

03.01 This procedure should be implemented to assess licensee conclusions regarding the root cause and the scope of the issues for the degraded performance. This procedure is used in conjunction with IP 95002, "Supplemental Inspection For One Degraded Cornerstone or Any Three White Inputs in a Strategic Performance Area."

03.02 Inspection guidance has been provided in the attachments for discrete subject areas within each of the major inspection areas. Based on the results of the baseline inspection program and the performance indicator, the inspector should use only the applicable areas of this inspection guidance. The inspector may not necessarily perform the entire procedure in each attachment.

03.03 The Performance Indicator (PI) in this cornerstone monitors the performance of the radiological effluent treatment and monitoring program. The PI is based on radiation dose and does not evaluate the performance of the radiological environmental monitoring, radioactive material control, or the radioactive material processing and transportation programs.

83502-04 INSPECTION RESOURCES

Inspection resources will be dependent on the nature of the performance findings, on the number of program areas affected by the findings, and on the level of review necessary to evaluate the findings. Resource estimates are included in each attachment.

END