

RETS and REMP Laboratory Analysis

Bob Litman, PhD
Senior Consultant
ChemStaff

ABSTRACT

The review of RETS and REMP data is more than just the answering the question of detection. Plant staff need to review the data from sampling to laboratory raw data and determine that the information has not only met the data requirements for the program but that the data in fact are possible.

All too often the assumption that methods that are used can provide data that is always correct with no errors has in many cases lead to false reporting of information in liquid effluent releases and also in the ARERR submitted to the NRC. The misreporting of radionuclides not only is a qualitative issue but also a quantitative issue when it comes to assessing dose correctly.

This presentation reviews several steps in the data validation and assessment process and provides specific examples of where these processes were not adequately performed.

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