

Nuclear Regulatory Commission Annual Assessment Meeting

Summary Data Sheet of 2015 Plant Performance for Calvert Cliffs Units 1 & 2

ROP Action Matrix Summary and Current Regulatory Oversight

The assessment program collects information from inspections and performance indicators (PIs) in order to enable the agency to arrive at objective conclusions about the licensee's safety performance. Based on this assessment information, the NRC determines the appropriate level of agency response, including supplemental inspection and pertinent regulatory actions ranging from management meetings up to and including orders for plant shutdown. The Action Matrix reflects overall plant performance and is updated regularly to reflect inputs from the most recent performance indicators and inspection findings. Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. For any licensee in the Licensee Response Column, the expected agency inspection is the baseline program.

Calvert Cliffs Units 1 and 2 are in the Licensee Response Column which requires the Baseline inspection.

Inspections and Reports

Inspections are an important element of NRC's oversight of its licensees. NRC conducts inspections to ensure that licensees meet NRC's regulatory requirements. When licensees meet these requirements, we know that they are most likely conducting safe operations that protect the public and the environment from any undue nuclear risk.

NRC conducts inspections of licensed nuclear power plants, fuel cycle facilities, and radioactive materials activities and operations. Inspectors follow guidance in the NRC Inspection Manual, which contains objectives and procedures to use for each type of inspection. If an inspection shows that a licensee is not safely conducting an activity or safely operating a facility, we inform the licensee of any problems that we find and ensure that they are addressed. We continue to inspect that activity or facility until the problems are corrected.

NRC's regional offices in King of Prussia, Pennsylvania; Atlanta, Georgia; Lisle, Illinois; and Arlington, Texas, carry out the NRC's inspection program. In addition to region-based inspectors, the NRC stations inspectors, called "resident inspectors," at each of the nation's operating nuclear plants and fuel cycle facilities to carry out the inspection program on a day-to-day basis.

The NRC has a comprehensive program of inspections for commercial nuclear power plants. Generally, inspectors verify that the organizational structure, operator qualifications, design, maintenance, fuel handling, and environmental and radiation protection programs are adequate and comply with NRC safety requirement.

The purpose of inspection reports is to document the inspection scope, observation, and findings of inspections conducted by the NRC. The NRC performs inspections to oversee the commercial nuclear industry to determine whether its requirements are being met by licensees and their contractors. The

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following inspection reports can be located electronically at <http://adams.nrc.gov/wba/> by performing a search with the ML number.

List of 2015 Inspections for Calvert Cliffs

Inspection Number	ML Number
2015001	ML15117A198
2015002	ML15208A322
2015003	ML15309A428
2015004	ML16041A289
2015005	ML15239A729
2015006	ML16061A169
2015007	ML16013A324
2015008	ML15070A127
2015009	ML15147A354
2015010	ML15334A181
2015011	ML16029A015
2015401	ML15265A229
2015402	ML16060A276
2015403	ML15211A002
2015501	ML16060A276
2015502	ML15306A515

List of 2015 Issues at Calvert Cliffs

Item ID	Title	ML number
05000317/2015001-02	Inadequate Risk Management Action for LOCI Sequencer Maintenance	ML15117A198
05000317,05000318/2015001-01	Component Cooling Operated in Unanalyzed Condition	ML15117A198
05000317,05000318/2015002-01	Failure to Properly Ship Category 2 Radioactive Material – Quantity of Concern	ML15208A322
05000317,05000318/2015002-02	Inadequate Maintenance Instructions for Replacement of the Units 1 and 2 Containment Air Cooler Starters	ML15208A322
05000317,05000318/2015003-01	Failure to Establish and Maintain Procedures for the Operation of the Diesel Fuel Oil System	ML15309A428
05000317/2015004-01	Failure to Implement Procedures for the Control of Hazard Barriers During Maintenance	ML16041A289
05000317/2015004-02	AFAS Channel Inoperable due to Valve Misposition	ML16041A289
05000317,05000318/2015007-01	Inadequate Verification of Offsite Power Operability Limit	ML16013A324
05000317,05000318/2015007-02	Failure to Verify AC Equipment Operability at Design Loading and Voltage Levels	ML16013A324
05000317,05000318/2015010-01	Untimely Actions to Test or Inspect DFO Check Valves Relied on for Safety	ML15334A181