



February 26, 2003

U. S. Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: Calvert Cliffs Nuclear Power Plant
Unit Nos. 1 & 2; Docket Nos. 50-317 & 50-318
Report of Changes, Tests, and Experiments - 10 CFR 50.59

In accordance with 10 CFR 50.59(b)(2), Calvert Cliffs Nuclear Power Plant hereby submits a report containing brief descriptions of changes, tests, and experiments approved under the provisions of 10 CFR 50.59.

Attachment (1) of this report includes 50.59 evaluations recorded and approved between July 31, 2002 and December 31, 2002. Items in the report are sorted by 50.59 identification number.

Should you have questions regarding this matter, we will be pleased to discuss them with you.

Very truly yours,

A handwritten signature in black ink that reads "William C. Holston".

William C. Holston
Manager, CCNPP Engineering Services

WCH/EMT/bjd

Attachment: (1) Calvert Cliffs Nuclear Power Plant Report of Changes, Tests, and Experiments
[10 CFR 50.59(b)(2)]

cc: J. Petro, Esquire
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ATTACHMENT (1)

**CALVERT CLIFFS NUCLEAR POWER PLANT
REPORT OF CHANGES, TESTS, AND EXPERIMENTS**

[10 CFR 50.59(b)(2)]

50.59's Approved by POSRC
7/31/2002 - 12/31/2002

DOCUMENT ID

SUBJECT REV SUMMARY

DOCUMENT ID	REV	SUMMARY
SE00471	0001	SE00471 EVALUATED THE OPERATION OF UNIT 1 CYCLE 16 IN ALL PLANT MODES. SE00471 REVISION 01 JUSTIFIES OPERATION PAST 5,000 MWD/MTU FOR THE REMAINDER OF THE 24 MONTH FUEL CYCLE. THE ANALYSIS ACCOUNTED FOR THE U1C16 FUEL MANAGEMENT AND ALL OF THE PHYSICAL CHANGES IMPLEMENTED IN THE BATCH 1V FRESH FUEL ASSEMBLIES (TURBO GRIDS, ZIRLO CLAD, AND FUEL PIN DESIGN CHANGES). THE EFFECTS OF REPLACEMENT STEAM GENERATORS HAVE BEEN INCLUDED IN ALL ANALYSES. NO RPS SETPOINT CHANGES WERE REQUIRED. A COLR FOR U1C16 HAS BEEN DEVELOPED PER THE REQUIREMENTS OF TECH SPEC 5 6 5 THE EVALUATION CONCLUDED THAT NRC APPROVAL WAS REQUIRED FOR THE FOLLOWING ACTIVITIES. NRC ISSUE TECH SPEC CHANGE TO ADD ZIRLO TOPICAL REPORT TO THE TECH SPEC "LIST OF APPROVED METHODOLOGIES" (TS 5 6 5). (NRC APPROVED ON 4/8/02) NRC ISSUE TECH SPEC CHANGE TO ADD LOCA TOPICAL REPORTS TO THE TECH SPEC "LIST OF APPROVED METHODOLOGIES" (TS 5 6 5) (NRC APPROVED ON 4/8/02) NRC APPROVE THE "LOSS OF FEEDWATER EVENT". (NRC APPROVED ON 2/26/02) NRC ISSUE TECH SPEC CHANGE FOR MINIMUM RCS FLOWRATE FROM 340,000 GPM TO 370,000 GPM. (NRC APPROVED ON 3/1/02) NRC ISSUE TECH SPEC CHANGE TO STEAM GENERATOR LEVEL-LOW TRIP SETPOINT TO BECOME >/=50" BELOW NORMAL WATER LEVEL. (NRC APPROVED ON 3/1/02)
SE00482	0000	THE PROPOSED ACTIVITY INVOLVES A MODIFICATION TO THE RADIOACTIVE LIQUID WASTE SYSTEM THAT ADDS PIPING AND VALVES TO SUPPORT OPERATION OF A VENDOR LEASED WASTE PROCESSING SKID FOR RADIOACTIVE LIQUID WASTE CLEAN-UP. ADDITIONAL MODIFICATIONS ARE MADE TO NSR ELECTRICAL SUPPLIES, PLANT AND DEMINERALIZED WATER SUPPLIES AND PLANT AND INSTRUMENT AIR TO SUPPORT SKID OPERATION THE VENDOR SUPPLIED SKID WILL BE INSTALLED IN THE AUXILIARY BUILDING 45' EL., IN ROOM 418, SOLID WASTE HANDLING ROOM. EVALUATIONS ARE PERFORMED TO ENSURE THAT THE NON-SEISMIC WASTE-PROCESSING SKID WILL NOT HAVE AN ADVERSE AFFECT ON SR AND ITS EQUIPMENT DURING A SEISMIC EVENT IN ACCORDANCE WITH THE ORIGINAL LICENSING BASIS FOR THE LIQUID WASTE PROCESSING SYSTEM (RG 1 29) THE NEW LIQUID WASTE PROCESSING SYSTEM INTERFACING PIPING AND VALVES ARE CLASSIFIED AQ-III

DOCUMENT ID

SUBJECT REV SUMMARY

SE00483 0000
50.59 EVALUATION
FOR CONTAINMENT
TENDON LONG-
TERM CORRECTIVE
ACTION PLAN

SUMMARY. IN 1997 WHILE PERFORMING CALVERT CLIFFS NUCLEAR POWER PLANT'S 5-YEAR PERIODICITY TENDON SURVEILLANCE ON THE CONTAINMENT STRUCTURES, IT WAS DISCOVERED THAT THERE WAS SEVERE CORROSION ON THE UNIT 1 AND 2 VERTICAL TENDONS. ULTIMATELY, A TENDON PROJECT TEAM WAS FORMED TO ADDRESS THE CORROSION ISSUE. THE TENDON PROJECT TEAM'S LONG-TERM SOLUTION TO THE PRESENCE OF CORROSION ON THE VERTICAL TENDONS INVOLVES TWO PARTS: THE PHYSICAL REPLACEMENT OF SOME VERTICAL TENDONS WITH NEW TENDONS AND THE ACCEPTANCE OF CORROSION ON OTHERS. FORTY-SEVEN VERTICAL TENDONS EXHIBITING CORROSION ON THE UNIT 1 CONTAINMENT STRUCTURE WERE REPLACED WITH NEW TENDONS. SIMILARLY, 46 VERTICAL TENDONS HAVE BEEN REPLACED ON THE UNIT 2 CONTAINMENT STRUCTURE. THE REPLACEMENT OF THESE CORRODED TENDONS WITH NEW TENDONS OF THE IDENTICAL DESIGN IS NOT A CHANGE, TEST OR EXPERIMENT. HOWEVER, SINCE NOT ALL OF THE CORRODED TENDONS WILL BE REPLACED, THE REMAINING TENDONS EXHIBITING CORROSION WILL BE ACCEPTED "AS IS" IN THEIR CURRENT CONDITION. THE DECISION TO ACCEPT THE CORROSION ON SOME TENDONS BECOMES A CHANGE TO THE UPDATED FINAL SAFETY ANALYSIS REPORT (UFSAR) SINCE THE WIRES NO LONGER AGREE WITH THEIR DESCRIPTION IN THE UFSAR. ACCEPTING CORROSION ON TENDONS IS A NEW METHODOLOGY THAT IS NOT CURRENTLY DESCRIBED IN THE UFSAR. THIS NEW METHODOLOGY AND A CONTAINMENT TENDON LONG-TERM CORRECTIVE ACTION PLAN WERE CONVEYED TO NRC. NRC HAS RESPONDED WITH AN SER THAT ACCEPTS BOTH THE NEW METHODOLOGY AND THE LONG-TERM CORRECTIVE ACTION PLAN. BECAUSE NRC HAS ALREADY PROVIDED ACCEPTANCE, THE NEW METHODOLOGY IS NOT REGARDED AS A DEPARTURE FROM CCNPP'S METHOD OF EVALUATION IN THE UFSAR. FURTHERMORE, THE ACTIVITY OF ACCEPTING VERTICAL TENDON CORROSION "AS IS" DOES NOT REQUIRE A LICENSE AMENDMENT. NRC'S SER IS INCLUDED AS AN ATTACHMENT TO THIS 50.59 EVALUATION.
