

### UNITED STATES NUCLEAR REGULATORY COMMISSION

REGION I 475 ALLENDALE ROAD KING OF PRUSSIA, PA 19406-1415

September 2, 2008

Mr. James A. Spina, Vice President Calvert Cliffs Nuclear Power Plant, Inc. Constellation Generation Group, LLC 1650 Calvert Cliffs Parkway Lusby, MD 20657-4702

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN – CALVERT

CLIFFS NUCLEAR POWER PLANT (REPORT 05000317/2008001 AND

05000318/2008001)

Dear Mr. Spina:

On August 6, 2008, the NRC staff completed its performance review of Calvert Cliffs Nuclear Power Plant for the first half of the calendar year 2008 assessment cycle. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous twelve months. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include security information. A separate letter designated and marked as "Official Use Only--Security Information" will include the security cornerstone review and resultant inspection plan.

Plant performance for the most recent quarter at Calvert Cliffs Units 1 and 2 was within the Licensee Response column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility.

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through December 31, 2009. In addition to baseline inspections, we plan on conducting an independent spent fuel storage installation (ISFSI) inspection. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle review.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <a href="http://www.nrc.gov/reading-rm/adams.html">http://www.nrc.gov/reading-rm/adams.html</a> (the Public Electronic Reading Room).

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If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (610) 337-5233 with any questions you may have regarding this letter or the inspection plan.

Sincerely, /RA Original Signed By:/

Glenn T. Dentel, Chief Reactor Projects Branch 1 Division of Reactor Projects

Docket Nos. 50-317, 50-318 License Nos. DRP-53, DRP-69

Enclosure: Calvert Cliffs Nuclear Power Plant Inspection/ Activity Plan

#### ccw/encl.

- M. Wallace, Vice-Chairman, Constellation Energy
- H. Barron, President, CEO, & Chief Nuclear Officer, Constellation Energy Nuclear Group, LLC
- W. Parran, President, Calvert County Board of Commissioners
- C. Fleming, Esquire, Sr. Counsel Nuclear Generation Group, LLC
- J. Gaines, Director, Licensing, Calvert Cliffs Nuclear Power Plant
- S. Gray, Program Manager, Power Plant Assessment Program, Maryland Department of Natural Resources
- K. Burger, Esquire, Maryland People's Counsel
- P. Birnie, Esquire, Co-Director, Maryland Safe Coalition
- R. Hickok, NRC Technical Training Center
- L. Larragoite, Manager, Nuclear Safety and Security, Calvert Cliffs Nuclear Power Plant
- G. Detter, Manager, Nuclear Safety and Security, Constellation Energy
- M. Griffen, Maryland Department of the Environment
- S. Pattison, SLO (2

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# **Calvert Cliffs 2**

**Inspection / Activity Plan** 08/01/2008 - 12/31/2009

| P 7112102  | Unit   |                          |   | No. of Staff | Planne     | d Dates    | Inspection                |  |  |  |  |
|--|--------|--------------------------|---|--------------|------------|------------|---------------------------|--|--|--|--|
| P 7112101  | Number | Inspection Activity      | Title   | on Site      | Start      | End        | Туре                      |  |  |  |  |
| P 7112102  |        | 71121 - OCC RAD SAFETY 1 |   |              |            |            |                           |  |  |  |  |
| P 7112103  | 2      | IP 7112101               | Access Control to Radiologically Significant Areas                                    |              | 08/25/2008 | 08/29/2008 | Baseline Inspections      |  |  |  |  |
| P 71151  | 2      | IP 7112102               | ALARA Planning and Controls   |              | 08/25/2008 | 08/29/2008 | Baseline Inspections      |  |  |  |  |
| Til 176  | 2      | IP 7112103               | Radiation Monitoring Instrumentation and Protective Equipment                         |              | 08/25/2008 | 08/29/2008 | Baseline Inspections      |  |  |  |  |
| P 2515/176   Emergency Diesel Generator Tech Spec Surveillance Requirements Re: Endurance & Margin   09/22/2008   09/26/2008   Generic Safety Int  | 2      | IP 71151                 | Performance Indicator Verification  |              | 08/25/2008 | 08/29/2008 | Baseline Inspections      |  |  |  |  |
| 7111107T         - HEAT SINK         1         10/20/2008         10/24/2008         Baseline Inspection           2         IP 7111107T         Heat Sink Performance         10/20/2008         10/24/2008         Baseline Inspection           71121         OCC RAD SAFETY         1         1           2         IP 7112101         Access Control to Radiologically Significant Areas         11/03/2008         11/07/2008         Baseline Inspection           2         IP 711510         Performance Indicator Verification         11/03/2008         11/07/2008         Baseline Inspection           3         IT 172         Performance Indicator Verification         1         11/17/2008         11/17/2008         Baseline Inspection           4         IT 172         Performance Indicator Verification         1         11/17/2008         11/17/2008         Baseline Inspection           5         IP 2515/172         Reactor Coolant System Dissimiliar Metal Butt Welds         1         11/17/2008         11/21/2008         Persection Inspection           6         IP 7111404         Emergency Response Organization Augmentation Testing         11/17/2008         11/17/2008         11/17/2008         11/17/2008         11/17/2008         11/17/2008         11/17/2008         11/17/2008         11/17/2008         11/17/2008   |        | TI 176 - TI 17           | 6   | 2            |            |            |                           |  |  |  |  |
| P 711110/T   | 2      | IP 2515/176              | Emergency Diesel Generator Tech Spec Surveillance Requirements Re: Endurance & Margin |              | 09/22/2008 | 09/26/2008 | Generic Safety Inspection |  |  |  |  |
| 71121         - OCC RAD SAFETY         1           2         IP 7112101         Access Control to Radiologically Significant Areas         11/03/2008         11/07/2008         Baseline Inspectic           2         IP 7112102         ALARA Planning and Controls         11/03/2008         11/07/2008         Baseline Inspectic           2         IP 71151         Performance Indicator Verification         11/03/2008         11/07/2008         Baseline Inspectic           1         T1172         - T1172 RCS DISSIMILAR METAL BUTT WELDS         1         11/17/2008         <   |        | 7111107T - HEA           | T SINK  | 1            |            |            |                           |  |  |  |  |
| P 7112101  | 2      | IP 7111107T              | Heat Sink Performance   |              | 10/20/2008 | 10/24/2008 | Baseline Inspections      |  |  |  |  |
| 1  |        | 71121 - OCC              | RAD SAFETY  | 1            |            |            |                           |  |  |  |  |
| 1  | 2      | IP 7112101               | Access Control to Radiologically Significant Areas                                    |              | 11/03/2008 | 11/07/2008 | Baseline Inspections      |  |  |  |  |
| Ti 172   | 2      | IP 7112102               | ALARA Planning and Controls   |              | 11/03/2008 | 11/07/2008 | Baseline Inspections      |  |  |  |  |
| P 2515/172   Reactor Coolant System Dissimiliar Metal Butt Welds   11/17/2008   11/21/2008   P 2   P 7111402   Alert and Notification System Testing   11/17/2008   11/21/2008   P Baseline Inspection   11/17/2008   11/21/2008   P P P P P P P P P P P P P P P P P P   | 2      | IP 71151                 | Performance Indicator Verification  |              | 11/03/2008 | 11/07/2008 | Baseline Inspections      |  |  |  |  |
| EP   |        | TI 172 - TI 17           | 2 RCS DISSIMILAR METAL BUTT WELDS   | 1            |            |            |                           |  |  |  |  |
| 1  | 2      | IP 2515/172              | Reactor Coolant System Dissimiliar Metal Butt Welds                                   |              | 11/17/2008 | 11/21/2008 | Generic Safety Inspection |  |  |  |  |
| 2  |        | EP - EP P                | ROGRAM INSP   | 2            |            |            |                           |  |  |  |  |
| 2         IP 7111404         Emergency Action Level and Emergency Plan Changes         11/17/2008         11/21/2008         EP Baseline Inspection of Emergency Preparedness Weaknesses and Deficiencies         11/17/2008         11/21/2008         EP Baseline Inspection of Emergency Preparedness Weaknesses and Deficiencies         11/17/2008         11/21/2008         EP Baseline Inspection spection of Emergency Preparedness Weaknesses and Deficiencies         11/17/2008         11/17/2008         11/21/2008         Baseline Inspection of Emergency Preparedness Weaknesses and Deficiencies         11/17/2008         11/21/2008         Baseline Inspection of Emergency Preparedness Weaknesses and Deficiencies         11/17/2008         11/21/2008         Baseline Inspection and Inspection Inspection Inspection Inspection Preparedness Weaknesses and Deficiencies         11/17/2008         11/21/2008         Baseline Inspection I  | 2      | IP 7111402               | Alert and Notification System Testing   |              | 11/17/2008 | 11/21/2008 | EP Baseline Inspection    |  |  |  |  |
| 2         IP 7111405         Correction of Emergency Preparedness Weaknesses and Deficiencies         11/17/2008         11/17/2008         11/21/2008         Baseline Inspectic           2         IP 71151-EP01         Drill/Exercise Performance         11/17/2008         11/17/2008         11/21/2008         Baseline Inspectic           2         IP 71151-EP02         ERO Drill Participation         11/17/2008         11/21/2008         Baseline Inspectic           2         IP 71151-EP03         Alert & Notification System         11/17/2008         11/21/2008         Baseline Inspectic           71121         - OCC RAD SAFETY         1         1         1         1         2         IP 7112101         Access Control to Radiologically Significant Areas         01/19/2009         01/23/2009         Baseline Inspectic         2         IP 7112102         ALARA Planning and Controls         01/19/2009         01/23/2009         Baseline Inspectic         2         IP 7112103         Radiation Monitoring Instrumentation and Protective Equipment         01/19/2009         01/23/2009         Baseline Inspectic         2         IP 7111108P         10/19/2009         01/23/2009         Baseline Inspectic         2         IP 7111108P         10/19/2009         01/23/2009         Baseline Inspectic         2         IP 7111108P         10/19/2009         03/06/2009   | 2      | IP 7111403               | Emergency Response Organization Augmentation Testing                                  |              | 11/17/2008 | 11/21/2008 | EP Baseline Inspection    |  |  |  |  |
| 2  | 2      | IP 7111404               | Emergency Action Level and Emergency Plan Changes                                     |              | 11/17/2008 | 11/21/2008 | EP Baseline Inspection    |  |  |  |  |
| 2         IP 71151-EP02         ERO Drill Participation         11/17/2008         11/21/2008         Baseline Inspection           2         IP 71151-EP03         Alert & Notification System         11/17/2008         11/21/2008         Baseline Inspection           71121         - OCC RAD SAFETY         1         1         1           2         IP 7112101         Access Control to Radiologically Significant Areas         01/19/2009         01/23/2009         Baseline Inspection           2         IP 7112102         ALARA Planning and Controls         01/19/2009         01/23/2009         Baseline Inspection           2         IP 7112103         Radiation Monitoring Instrumentation and Protective Equipment         01/19/2009         01/23/2009         Baseline Inspection           2         IP 71151-OR01         Occupational Exposure Control Effectiveness         01/19/2009         01/23/2009         Baseline Inspection           2         IP 7111108P         Inservice Inspection Activities - PWR         02/23/2009         02/27/2009         Baseline Inspection           2         IP 7112101         Access Control to Radiologically Significant Areas         03/02/2009         03/06/2009         Baseline Inspection           2         IP 7112101         Access Control to Radiologically Significant Areas         03/02/2009         03/  | 2      | IP 7111405               | Correction of Emergency Preparedness Weaknesses and Deficiencies                      |              | 11/17/2008 | 11/21/2008 | EP Baseline Inspection    |  |  |  |  |
| 2  | 2      | IP 71151-EP01            | Drill/Exercise Performance  |              | 11/17/2008 | 11/21/2008 | Baseline Inspections      |  |  |  |  |
| 71121 - OCC RAD SAFETY         1           2         IP 7112101 Access Control to Radiologically Significant Areas         01/19/2009 01/23/2009 Baseline Inspection           2         IP 7112102 ALARA Planning and Controls         01/19/2009 01/23/2009 Baseline Inspection           2         IP 7112103 Radiation Monitoring Instrumentation and Protective Equipment         01/19/2009 01/23/2009 Baseline Inspection           2         IP 71151-OR01 Occupational Exposure Control Effectiveness         01/19/2009 01/23/2009 Baseline Inspection           2         IP 7111108P - U2 INSERVICE INSPECTION         1           2         IP 7111108P Inservice Inspection Activities - PWR         02/23/2009 02/27/2009 Baseline Inspection           2         IP 7111108P Inservice Inspection Activities - PWR         03/02/2009 03/06/2009 Baseline Inspection           3         IP 7112101 Access Control to Radiologically Significant Areas         03/02/2009 03/06/2009 Baseline Inspection           4         IP 7112102 ALARA Planning and Controls         03/02/2009 03/06/2009 Baseline Inspection  | 2      | IP 71151-EP02            | ERO Drill Participation   |              | 11/17/2008 | 11/21/2008 | Baseline Inspections      |  |  |  |  |
| 2       IP 7112101       Access Control to Radiologically Significant Areas       01/19/2009       01/23/2009       Baseline Inspection         2       IP 7112102       ALARA Planning and Controls       01/19/2009       01/23/2009       Baseline Inspection         2       IP 7112103       Radiation Monitoring Instrumentation and Protective Equipment       01/19/2009       01/23/2009       Baseline Inspection         2       IP 71151-OR01       Occupational Exposure Control Effectiveness       01/19/2009       01/23/2009       Baseline Inspection         7111108P       - U2 INSERVICE INSPECTION       1         2       IP 7111108P       Inservice Inspection Activities - PWR       02/23/2009       02/27/2009       Baseline Inspection         2       IP 7111108P       Inservice Inspection Activities - PWR       03/02/2009       03/06/2009       Baseline Inspection         2       IP 7112101       Access Control to Radiologically Significant Areas       03/02/2009       03/06/2009       Baseline Inspection         2       IP 7112102       ALARA Planning and Controls       03/02/2009       03/06/2009       Baseline Inspection  | 2      | IP 71151-EP03            | Alert & Notification System   |              | 11/17/2008 | 11/21/2008 | Baseline Inspections      |  |  |  |  |
| 2       IP 7112102       ALARA Planning and Controls       01/19/2009       01/23/2009       Baseline Inspection         2       IP 7112103       Radiation Monitoring Instrumentation and Protective Equipment       01/19/2009       01/23/2009       Baseline Inspection         2       IP 71151-OR01       Occupational Exposure Control Effectiveness       01/19/2009       01/23/2009       Baseline Inspection         7111108P       - U2 INSERVICE INSPECTION       1         2       IP 7111108P       Inservice Inspection Activities - PWR       02/23/2009       02/27/2009       Baseline Inspection         2       IP 7111108P       Inservice Inspection Activities - PWR       03/02/2009       03/06/2009       Baseline Inspection         2       IP 7112101       Access Control to Radiologically Significant Areas       03/02/2009       03/06/2009       Baseline Inspection         2       IP 7112102       ALARA Planning and Controls       03/02/2009       03/06/2009       Baseline Inspection  |        | 71121 - OCC              | RAD SAFETY  | 1            |            |            |                           |  |  |  |  |
| 2       IP 7112103       Radiation Monitoring Instrumentation and Protective Equipment       01/19/2009       01/23/2009       Baseline Inspection         2       IP 71151-OR01       Occupational Exposure Control Effectiveness       01/19/2009       01/23/2009       Baseline Inspection         7111108P       - U2 INSERVICE INSPECTION       1         2       IP 7111108P       Inservice Inspection Activities - PWR       02/23/2009       02/27/2009       Baseline Inspection         2       IP 7111108P       Inservice Inspection Activities - PWR       03/02/2009       03/06/2009       Baseline Inspection         7       71121       - OCC RAD SAFETY       1         2       IP 7112101       Access Control to Radiologically Significant Areas       03/02/2009       03/06/2009       Baseline Inspection         2       IP 7112102       ALARA Planning and Controls       03/02/2009       03/06/2009       Baseline Inspection  | 2      | IP 7112101               | Access Control to Radiologically Significant Areas                                    |              | 01/19/2009 | 01/23/2009 | Baseline Inspections      |  |  |  |  |
| 2       IP 71151-OR01       Occupational Exposure Control Effectiveness       01/19/2009       01/23/2009       Baseline Inspection Control Effectiveness         7111108P       - U2 INSERVICE INSPECTION       1         2       IP 7111108P       Inservice Inspection Activities - PWR       02/23/2009       02/27/2009       Baseline Inspection Control Ins  | 2      | IP 7112102               | ALARA Planning and Controls   |              | 01/19/2009 | 01/23/2009 | Baseline Inspections      |  |  |  |  |
| 7111108P         - U2 INSERVICE INSPECTION         1           2         IP 7111108P         Inservice Inspection Activities - PWR         02/23/2009         02/27/2009         Baseline Inspection Activities - PWR           2         IP 7111108P         Inservice Inspection Activities - PWR         03/02/2009         03/06/2009         Baseline Inspection Activities - PWR           2         IP 7112101         Access Control to Radiologically Significant Areas         03/02/2009         03/06/2009         Baseline Inspection Activities - PWR           2         IP 7112101         Access Control to Radiologically Significant Areas         03/02/2009         03/06/2009         Baseline Inspection Activities - PWR           3         IP 7112102         ALARA Planning and Controls         03/02/2009         03/06/2009         Baseline Inspection Activities - PWR   | 2      | IP 7112103               | Radiation Monitoring Instrumentation and Protective Equipment                         |              | 01/19/2009 | 01/23/2009 | Baseline Inspections      |  |  |  |  |
| 2       IP 7111108P       Inservice Inspection Activities - PWR       02/23/2009       02/27/2009       Baseline Inspection Activities - PWR         2       IP 7111108P       Inservice Inspection Activities - PWR       03/02/2009       03/06/2009       Baseline Inspection Activities - PWR         71121       - OCC RAD SAFETY       1         2       IP 7112101       Access Control to Radiologically Significant Areas       03/02/2009       03/06/2009       Baseline Inspection Activities - PWR         2       IP 7112101       Access Control to Radiologically Significant Areas       03/02/2009       03/06/2009       Baseline Inspection Activities - PWR         3       IP 7112102       ALARA Planning and Controls       03/02/2009       03/06/2009       Baseline Inspection Activities - PWR   | 2      | IP 71151-OR01            | Occupational Exposure Control Effectiveness   |              | 01/19/2009 | 01/23/2009 | Baseline Inspections      |  |  |  |  |
| 2       IP 7111108P       Inservice Inspection Activities - PWR       03/02/2009       03/06/2009       Baseline Inspection Activities - PWR         71121       - OCC RAD SAFETY       1         2       IP 7112101       Access Control to Radiologically Significant Areas       03/02/2009       03/06/2009       Baseline Inspection Activities - PWR         2       IP 7112101       Access Control to Radiologically Significant Areas       03/02/2009       03/06/2009       Baseline Inspection Activities - PWR         3       IP 7112102       ALARA Planning and Controls       03/02/2009       03/06/2009       Baseline Inspection Activities - PWR  |        | 7111108P - U2 IN         | ISERVICE INSPECTION   | 1            |            |            |                           |  |  |  |  |
| 71121         - OCC RAD SAFETY         1           2         IP 7112101         Access Control to Radiologically Significant Areas         03/02/2009         03/06/2009         Baseline Inspection           2         IP 7112102         ALARA Planning and Controls         03/02/2009         03/06/2009         Baseline Inspection  | 2      | IP 7111108P              | ·   |              | 02/23/2009 | 02/27/2009 | Baseline Inspections      |  |  |  |  |
| 2 IP 7112101 Access Control to Radiologically Significant Areas 03/02/2009 03/06/2009 Baseline Inspection   2 IP 7112102 ALARA Planning and Controls 03/02/2009 03/06/2009 Baseline Inspection   3/02/2009 03/06/2009 Baseline   3/02/2009 03/06/2009 Baseline   3/02/2009 03/06/2009 Basel | 2      |                          |   |              | 03/02/2009 | 03/06/2009 | Baseline Inspections      |  |  |  |  |
| 2 IP 7112102 ALARA Planning and Controls 03/02/2009 03/06/2009 Baseline Inspection   |        | 71121 - OCC              |   | 1            |            |            |                           |  |  |  |  |
|  | 2      | IP 7112101               | Access Control to Radiologically Significant Areas                                    |              | 03/02/2009 | 03/06/2009 | Baseline Inspections      |  |  |  |  |
| 2 IP 7112103 Radiation Monitoring Instrumentation and Protective Equipment 03/02/2009 03/06/2009 Baseline Inspection   | 2      | IP 7112102               | ALARA Planning and Controls   |              | 03/02/2009 | 03/06/2009 | Baseline Inspections      |  |  |  |  |
|  | 2      | IP 7112103               | Radiation Monitoring Instrumentation and Protective Equipment                         |              | 03/02/2009 | 03/06/2009 | Baseline Inspections      |  |  |  |  |

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.

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### **Calvert Cliffs 2 Inspection / Activity Plan**

08/01/2008 - 12/31/2009

| Unit<br>Number | Inspection Activity | Title  | No. of Staff on Site | Planned<br>Start | l Dates<br>End | Inspection<br>Type        |
|----------------|---------------------|--|----------------------|------------------|----------------|---------------------------|
|                | 71121 - OCC F       | RAD SAFETY   | 1                    |                  |                |                           |
| 2              | IP 71151-OR01       | Occupational Exposure Control Effectiveness  |                      | 03/02/2009       | 03/06/2009     | Baseline Inspections      |
|                | TI-172 - U2 TI-     | 172 RCS DISSIMIILAR METAL WELDS  | 1                    |                  |                |                           |
| 2              | IP 2515/172         | Reactor Coolant System Dissimiliar Metal Butt Welds  |                      | 03/02/2009       | 03/06/2009     | Generic Safety Inspection |
|                | 7112202 - PUB R     | RAD SAFETY - RADWASTE  | 1                    |                  |                |                           |
| 2              | IP 7112202          | Radioactive Material Processing and Transportation   |                      | 06/15/2009       | 06/19/2009     | Baseline Inspections      |
|                | 7111121 - CDBI      |  | 6                    |                  |                |                           |
| 2              | IP 7111121          | Component Design Bases Inspection  |                      | 08/03/2009       | 08/07/2009     | Baseline Inspections      |
| 2              | IP 7111121          | Component Design Bases Inspection  |                      | 08/17/2009       | 08/21/2009     | Baseline Inspections      |
| 2              | IP 7111121          | Component Design Bases Inspection  |                      | 08/24/2009       | 08/28/2009     | Baseline Inspections      |
|                | 7112203 - PUB R     | RAD SAFETY - REMP  | 1                    |                  |                |                           |
| 2              | IP 7112203          | Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program (REMP) | ogram                | 08/03/2009       | 08/07/2009     | Baseline Inspections      |
| 2              | IP 71151-PR01       | RETS/ODCM Radiological Effluent  |                      | 08/03/2009       | 08/07/2009     | Baseline Inspections      |
|                | 7111111B - BIENN    | IIAL REQUAL INSP WITH P/F RESULTS  | 3                    |                  |                |                           |
| 2              | IP 7111111B         | Licensed Operator Requalification Program  |                      | 11/16/2009       | 11/20/2009     | Baseline Inspections      |
|                | EP EXER - EP EX     | ERCISE INSPECTION  | 2                    |                  |                |                           |
| 2              | IP 7111401          | Exercise Evaluation  |                      | 10/18/2009       | 10/24/2009     | EP Baseline Inspection    |
| 2              | IP 7111404          | Emergency Action Level and Emergency Plan Changes  |                      | 10/18/2009       | 10/24/2009     | EP Baseline Inspection    |
| 2              | IP 71151-EP01       | Drill/Exercise Performance   |                      | 10/18/2009       | 10/24/2009     | Baseline Inspections      |
| 2              | IP 71151-EP02       | ERO Drill Participation  |                      | 10/18/2009       | 10/24/2009     | Baseline Inspections      |
| 2              | IP 71151-EP03       | Alert & Notification System  |                      | 10/18/2009       | 10/24/2009     | Baseline Inspections      |
|                | 71152B - PI&R I     | BIENNIAL TEAM  | 4                    |                  |                |                           |
| 2              | IP 71152B           | Identification and Resolution of Problems  |                      | 11/02/2009       | 11/06/2009     | Baseline Inspections      |
| 2              | IP 71152B           | Identification and Resolution of Problems  |                      | 11/16/2009       | 11/20/2009     | Baseline Inspections      |
|                | 71121 - OCC F       | RAD SAFETY   | 1                    |                  |                |                           |
| 2              | IP 7112101          | Access Control to Radiologically Significant Areas   |                      | 12/07/2009       | 12/11/2009     | Baseline Inspections      |
| 2              | IP 7112102          | ALARA Planning and Controls  |                      | 12/07/2009       | 12/11/2009     | Baseline Inspections      |
| 2              | IP 7112103          | Radiation Monitoring Instrumentation and Protective Equipment  |                      | 12/07/2009       | 12/11/2009     | Baseline Inspections      |
| 2              | IP 71151-OR01       | Occupational Exposure Control Effectiveness  |                      | 12/07/2009       | 12/11/2009     | Baseline Inspections      |

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## Calvert Cliffs 1 Inspection / Activity Plan 08/01/2008 - 12/31/2009

Report 22 08/01/2008 - 12/31/2009 Unit No. of Staff **Planned Dates** Inspection Number Inspection Activity Title on Site Start End **Type** 71121 - OCC RAD SAFETY 1 IP 7112101 Access Control to Radiologically Significant Areas 08/25/2008 08/29/2008 Baseline Inspections IP 7112102 ALARA Planning and Controls 08/25/2008 08/29/2008 **Baseline Inspections** Radiation Monitoring Instrumentation and Protective Equipment IP 7112103 08/25/2008 08/29/2008 Baseline Inspections Performance Indicator Verification IP 71151 08/25/2008 08/29/2008 Baseline Inspections **ISFSI** - ISFSI - ANNUAL SAMPLE 1 IP 60855 Operation Of An ISFSI 08/25/2008 08/29/2008 Other Routine TI 176 - TI 176 2 Emergency Diesel Generator Tech Spec Surveillance Requirements Re: Endurance & Margin IP 2515/176 09/22/2008 09/26/2008 Generic Safety Inspection 7111107T - HEAT SINK 1 IP 7111107T Heat Sink Performance 10/20/2008 10/24/2008 Baseline Inspections 71121 - OCC RAD SAFETY 1 Access Control to Radiologically Significant Areas IP 7112101 11/03/2008 11/07/2008 **Baseline Inspections** IP 7112102 **ALARA Planning and Controls** 11/03/2008 11/07/2008 Baseline Inspections Performance Indicator Verification IP 71151 11/03/2008 11/07/2008 Baseline Inspections TI 172 - TI 172 RCS DISSIMILAR METAL BUTT WELDS 1 IP 2515/172 Reactor Coolant System Dissimiliar Metal Butt Welds 11/17/2008 11/21/2008 Generic Safety Inspection EP - EP PROGRAM INSP 2 Alert and Notification System Testing IP 7111402 11/17/2008 11/21/2008 **EP Baseline Inspection Emergency Response Organization Augmentation Testing** IP 7111403 11/17/2008 11/21/2008 EP Baseline Inspection **Emergency Action Level and Emergency Plan Changes** IP 7111404 11/17/2008 11/21/2008 **EP Baseline Inspection** Correction of Emergency Preparedness Weaknesses and Deficiencies IP 7111405 11/17/2008 11/21/2008 EP Baseline Inspection IP 71151-EP01 Drill/Exercise Performance 11/17/2008 11/21/2008 **Baseline Inspections** IP 71151-EP02 **ERO Drill Participation** 11/17/2008 11/21/2008 **Baseline Inspections** IP 71151-EP03 Alert & Notification System 11/17/2008 11/21/2008 Baseline Inspections - OCC RAD SAFETY 71121 Access Control to Radiologically Significant Areas IP 7112101 01/19/2009 01/23/2009 **Baseline Inspections ALARA Planning and Controls** IP 7112102 01/19/2009 01/23/2009 Baseline Inspections Radiation Monitoring Instrumentation and Protective Equipment IP 7112103 01/19/2009 01/23/2009 **Baseline Inspections** IP 71151-OR01 Occupational Exposure Control Effectiveness 01/19/2009 01/23/2009 **Baseline Inspections** 71121 - OCC RAD SAFETY 1

03/02/2009

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03/02/2009

03/06/2009

03/06/2009

03/06/2009

03/06/2009

Baseline Inspections

**Baseline Inspections** 

**Baseline Inspections** 

Baseline Inspections

This report does not include INPO and OUTAGE activities.

IP 7112101

IP 7112102

IP 7112103

1

IP 71151-OR01

This report shows only on-site and announced inspection procedures.

Access Control to Radiologically Significant Areas

Occupational Exposure Control Effectiveness

Radiation Monitoring Instrumentation and Protective Equipment

**ALARA Planning and Controls** 

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Report 22

## Calvert Cliffs 1 Inspection / Activity Plan 08/01/2008 - 12/31/2009

Unit No. of Staff **Planned Dates** Inspection End Type Number Inspection Activity Title on Site Start ISFSI - ISFSI INSPECTION - ANNUAL SAMPLE 2 Operation Of An ISFSI IP 60855 04/01/2009 06/30/2009 Other Routine 1 7112202 - PUB RAD SAFETY - RADWASTE IP 7112202 Radioactive Material Processing and Transportation 06/15/2009 06/19/2009 Baseline Inspections 7111121 - CDBI 6 IP 7111121 Component Design Bases Inspection 08/03/2009 08/07/2009 **Baseline Inspections** Component Design Bases Inspection IP 7111121 08/17/2009 08/21/2009 **Baseline Inspections** IP 7111121 Component Design Bases Inspection 08/24/2009 08/28/2009 Baseline Inspections 7112203 - PUB RAD SAFETY - REMP 1 Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program IP 7112203 08/03/2009 08/07/2009 Baseline Inspections IP 71151-PR01 **RETS/ODCM Radiological Effluent** 08/03/2009 08/07/2009 Baseline Inspections 7111111B - BIENNIAL REQUAL INSP WITH P/F RESULTS 3 Licensed Operator Regualification Program IP 7111111B 11/16/2009 11/20/2009 Baseline Inspections 1 EP EXER - EP EXERCISE INSPECTION 2 IP 7111401 **Exercise Evaluation** 10/18/2009 10/24/2009 EP Baseline Inspection IP 7111404 Emergency Action Level and Emergency Plan Changes 10/18/2009 10/24/2009 **EP Baseline Inspection** IP 71151-EP01 Drill/Exercise Performance 10/18/2009 10/24/2009 **Baseline Inspections** IP 71151-EP02 **ERO Drill Participation** 10/18/2009 10/24/2009 **Baseline Inspections** IP 71151-EP03 Alert & Notification System 10/18/2009 10/24/2009 **Baseline Inspections** 71152B - PI&R BIENNIAL TEAM 4 Identification and Resolution of Problems IP 71152B 11/02/2009 11/06/2009 **Baseline Inspections** IP 71152B Identification and Resolution of Problems 11/16/2009 11/20/2009 **Baseline Inspections** 71121 - OCC RAD SAFETY Access Control to Radiologically Significant Areas IP 7112101 12/07/2009 12/11/2009 **Baseline Inspections ALARA Planning and Controls** IP 7112102 12/07/2009 12/11/2009 **Baseline Inspections** Radiation Monitoring Instrumentation and Protective Equipment IP 7112103 12/07/2009 12/11/2009 Baseline Inspections

12/07/2009

12/11/2009

Baseline Inspections

Occupational Exposure Control Effectiveness

IP 71151-OR01