

February 16, 2011

Mr. Scott Ward
Senior Vice-President and General Manager
Analytical Bio-Chemistry Laboratories, Inc.
7200 East ABC Lane
Columbia, MO 65202

SUBJECT: NRC INSPECTION REPORT 030-05154/10-02(DNMS) AND NOTICE OF VIOLATION – ANALYTICAL BIOCHEMISTRY LABORATORIES, INC.

Dear Mr. Ward:

On January 18, 2011, the U. S. Nuclear Regulatory Commission (NRC) completed inspection activities at the Analytical Biochemistry Laboratories, Inc., (ABC) site located at 7200 ABC Lane, Columbia, Missouri. The inspection involved on-site inspection activities between November 30 and December 2, 2010, with continuing in-office review through January 18, 2011. The purpose of the inspection was to determine whether certain decommissioning and facility release activities were conducted safely and in accordance with NRC requirements. Specifically, inspectors reviewed ABC's decommissioning program for: the tracking of designated, and formerly designated radioactive material use locations; the conducting and documenting of surveys necessary for the unrestricted release of former use locations; and the decommissioning activities performed prior to the release of these areas. The inspection also evaluated ABC's progress in addressing past violations documented in NRC Inspection Report No. 030-05154/2010-001 (DNMS). At the conclusion of the on-site inspection on December 4, 2010, the inspectors discussed the preliminary findings with you and members of your staff. On January 18, 2011, a final exit meeting was conducted by telephone with members of your staff following receipt and review of NRC inspectors' survey sample results.

This inspection examined decommissioning activities conducted under your license as they relate to safety and compliance with the Commission's rules and regulations and with the conditions of your license. Within these areas, the inspection included an examination of decommissioning and licensing documentation and representative records, observations of activities, and interviews with personnel. In addition, the NRC performed limited confirmatory and independent radiological surveys in Buildings D and F.

Based on the results of this inspection, the NRC has determined that a Severity Level IV violation of NRC requirements occurred. The violation was evaluated in accordance with the NRC Enforcement Policy included on the NRC's Web site at www.nrc.gov; select What We Do, Enforcement, and then Enforcement Policy. The violation involved a failure to perform an adequate survey and evaluation pursuant to Title 10 of the Code of Federal Regulations (CFR) 20.1501 for contaminated containers to ensure that the containers were adequately labeled pursuant to 10 CFR 20.1904(a).

Specifically, at the time of the inspection, containers, equipment and materials in Building M contained unknown levels of radioactive materials. These materials had not been surveyed to ensure compliance with labelling requirements pursuant to 10 CFR 20.1501 to prevent unnecessary personnel exposure to radioactive materials. In response to this violation, ABC instituted immediate corrective actions that included the establishment of a separate secured area in Building M that is surrounded by a chain link fence, the initiation of surveys of materials in building M, the labeling of contaminated items and placement of these materials in the secured fenced in area.

The NRC has concluded that information regarding the reason for the violation, the corrective actions taken and planned to correct the violation and prevent recurrence is already adequately addressed on the docket in this letter. Therefore, you are not required to respond to this letter unless the description herein does not accurately reflect your corrective actions or your position. In that case, or if you choose to provide additional information, you should follow the instructions specified in the enclosed Notice.

Based on the results of this inspection, the NRC has determined that one additional Severity Level IV violation of NRC requirements occurred. This violation is being treated as a Non-Cited Violation (NCV), consistent with Section VI.A of the Enforcement Policy. The NCV is described in the subject inspection report. If you contest the violation or the significance of the NCV, you should provide a response within 30 days of the date of this letter, with the basis for your denial, to the Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington DC 20555-0001, with copies to: (1) the Regional Administrator, Region III; and (2) the Director, Office of Enforcement, United States Nuclear Regulatory Commission, Washington, DC 20555-0001.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosures, and your response, will be made available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. To the extent possible, your response should not include any personal privacy, Proprietary, or safeguards information so that it can be made available to the public without redaction.

S. Ward

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We will gladly discuss any question you may have regarding this inspection.

Sincerely,

/RA/

Christine A. Lipa, Chief
Materials Control, ISFSI, and
Decommissioning Branch
Division of Nuclear Materials Safety

Docket No. 030-05154
License No. 24-13365-01

Enclosures:

1. Notice of Violation
2. Inspection Report 030-05154/10-02(DNMS)

cc w/encls: J. Langston, Missouri Department
of Health and Senior Services (MDHSS)
K. Henke, MDHSS
B. Keck, Radiation Safety Officer

We will gladly discuss any question you may have regarding this inspection.

Sincerely,

/RA/

Christine A. Lipa, Chief
Materials Control, ISFSI, and
Decommissioning Branch
Division of Nuclear Materials Safety

Docket No. 030-05154
License No. 24-13365-01

Enclosures:

3. Notice of Violation
4. Inspection Report 030-05154/10-02(DNMS)

cc w/encls: J. Langston, Missouri Department
of Health and Senior Services (MDHSS)
K. Henke, MDHSS
B. Keck, Radiation Safety Officer

*See previous concurrence

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NOTICE OF VIOLATION

Analytical Bio-Chemistry Laboratories, Inc.
Columbia, Missouri

Docket No. 030-05154
License No. 24-13365-01

During an U.S. Nuclear Regulatory Commission (NRC) inspection conducted between November 30 and December 2, 2010, a violation of NRC requirements was identified. In accordance with the Enforcement Policy, the violation is listed below:

Title 10 of the Code of Federal Regulations (CFR) 20.1501 requires that each licensee make or cause to be made surveys that may be necessary for the licensee to comply with the regulations in Part 20 and that are reasonable under the circumstances to evaluate the extent of radiation levels, concentrations or quantities of radioactive materials, and the potential radiological hazards that could be present.

Pursuant to 10 CFR 20.1003, survey means an evaluation of the radiological conditions and potential hazards incident to the production, use, transfer, release, disposal, or presence of radioactive material or other sources of radiation.

Contrary to the above, as of December 4, 2010, the licensee did not make surveys to assure compliance with 10 CFR 20.1904(a), which requires that each container of licensed material bear a durable, clearly visible label bearing the radiation symbol and the words "CAUTION, RADIOACTIVE MATERIAL" OR "DANGER, RADIOACTIVE MATERIAL." The label must also provide sufficient information (such as the radionuclide(s) present, an estimate of the quantity of radioactivity, the date for which the activities is estimated, etc.) to permit individuals handling or using the containers, or working in the vicinity of the containers, to take precautions to avoid or minimize exposures. Specifically, as of December 4, 2010, the licensee failed to make surveys to evaluate the quantities of radioactive material present in containers located in Building M to ensure compliance with 10 CFR 20.1902(a).

This is a Severity Level IV violation (Supplement 6.7).

The NRC has concluded that information regarding the reason for the violation, the corrective actions taken and planned to be taken to correct the violation and prevent recurrence, and the date when full compliance will be achieved, is already adequately addressed on the docket in the cover letter which transmitted this Notice of Violation. However, you are required to submit a written statement or explanation pursuant to 10 CFR 2.201 if the description therein does not accurately reflect your corrective actions or your position. In that case, or if you choose to respond, clearly mark your response as a "Reply to a Notice of Violation," and send it to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001 with a copy to the Regional Administrator, Region III within 30 days of the date of the letter transmitting this Notice of Violation (Notice).

If you choose to respond, your response will be made available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. Therefore, to the extent possible, the response

Notice of Violation

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should not include any personal privacy, proprietary, or safeguards information so that it can be made available to the public without redaction.

In accordance with 10 CFR 19.11, you may be required to post this Notice within two working days.

Dated this 16th day of February 2011.

U.S. NUCLEAR REGULATORY COMMISSION

REGION III

Docket No.: 030-05154

License No.: 24-13365-01

Report No.: 030-05154/10-02(DNMS)

Licensee: Analytical Bio-Chemistry Laboratories, Inc.

Facility: 7200 ABC Lane
Columbia, Missouri

Dates: November 30 - December 2, 2010
Final telephonic exit on January 18, 2011

Inspectors: Katie Streit, Health Physicist
Mike McCann, Senior Health Physicist

Approved by: Christine A. Lipa, Chief
Materials Control, ISFSI,
and Decommissioning Branch
Division of Nuclear Materials Safety

Enclosure

EXECUTIVE SUMMARY
Analytical Bio-Chemistry Laboratories, Inc.
NRC Inspection Report 030-05154/10-02(DNMS)

The U.S. Nuclear Regulatory Commission (NRC) inspection evaluated Analytical Bio-Chemistry Laboratories' (ABC) final status surveys for Buildings D and F for unrestricted use. The NRC inspectors also performed independent Confirmatory Surveys in Buildings D and F. The inspection scope included evaluation of the licensee's radiation protection practices, conduct of surveys, appropriateness of remediation activities, and actions to address past NRC violations cited in NRC Inspection Report No. 030-05154/2010-01(DNMS).

Decommissioning Inspection Procedure for Materials Licensees

- The inspectors identified a violation involving the failure to perform adequate radiological surveys and evaluations pursuant to Title 10 of the Code of Federal Regulations (CFR) 20.1501, to ensure equipment, containers and materials identified during the inspection containing significant levels of radioactive materials were appropriately labeled pursuant to 10 CFR 20.1904(a). (Section 1.2)
- A violation was identified involving the failure to comply with license commitments requiring radiological surveys be performed prior to the release of equipment to unrestricted areas. This violation is being disposition as a Non-Cited Violation, based on the licensee's self-identification of the violation, which was not repetitive, and the licensee's timely corrective actions. (Section 1.2)
- The inspectors concluded that the licensee's Radiation Safety Committee and Radiation safety personnel were functioning appropriately and that improvements to the licensee's safety program were being actively implemented. (Section 1.2)

NRC Closeout Survey Results

- The inspectors concluded that the licensee's final status survey report for Building D was sufficient to demonstrate compliance with NRC approved unrestricted use limits. (Section 2.1)
- The inspectors also concluded that the radiological condition of Building F was consistent with the licensee's final status survey report. (Section 2.1)

Closure of Past NRC Violations

Based on licensee's corrective actions, the NRC inspectors closed two Severity IV and two Severity III violations. (Section 3)

Report Details

1.0 Decommissioning Inspection Procedure for Materials Licensees (IP 87104)

a. Inspection Scope

The inspectors interviewed the licensee's management and health physics staff, toured licensee's current and former materials production facilities, evaluated current and past licensed materials operations to determine if licensed decommissioning activities are being conducted in a manner that will protect the health and safety of workers and the general public, and to determine if licensed decommissioning programs are being conducted in accordance with NRC requirements. The inspectors reviewed licensee records, including the licensee's Radiation Safety Committee (RSC) Meeting minutes, Bioassay Records for personnel who performed aggressive decommissioning activities, and waste disposal manifests.

b. Observations and Findings

The licensee possesses a Type A Broadscope license, which authorizes ABC's RSC to internally approve new use areas, and release former use areas for unrestricted use; new material users; new research applications involving licensed materials, without having to amend ABC's byproduct material license. The NRC inspectors reviewed the licensee's RSC Quarterly Meeting minutes for 2009 through the second quarter of 2010, and two special RSC meeting records held on August 19 and September 9, 2010. The meeting minutes were consistent with RSC duties and responsibilities and recorded commitments appropriately.

The September 9, 2009, RSC Meeting minutes documented that the licensee's safety staff had identified a concern regarding the failure to survey potentially contaminated binders prior to transfer of the records to the laboratory's Document Control Center. The licensee evaluated the returned records and determined that the contamination levels on the records were above Table S.5, NUREG 1556, Appendix S limits, referenced in ABC's license. The RSO also indicated that the licensee was conducting additional surveys to determine if additional contaminated records had been sent to the licensee's Document Control Center. Additionally, in response to the identification of this issue the licensee's RSC developed and implemented corrective actions and a written procedure to ensure that all future laboratory documents that could be potentially contaminated are surveyed prior to being released to Document Control. The licensee's RSC documented the corrective actions in the 4th Quarter 2009 meeting minutes.

The inspectors determined that the licensee identified the safety concern and took timely corrective actions. However, the licensee's evaluation of the issue did not identify the failure to survey the documents as a violation of ABC's license. Specifically, Condition 21 of Amendment No. 34 to ABC's license states, in part, that the licensee shall conduct its program in accordance with the statements, representations, and procedures

contained in the application dated July 16, 2007. Item 10 titled "Safe Use of Radionuclides and Emergency Procedures" of the application states, in part, that the licensee will survey equipment, materials and facilities and maintain contamination levels in accordance with survey frequencies and contamination levels published in Appendix S of NUREG-1556, Volume 11, "Program-Specific Guidance About Licenses of Broad Scope." The licensee's failure to survey the contaminated laboratory binders prior to release for unrestricted use pursuant to NUREG 1556, Appendix S as required by License Condition 21, is a Severity Level IV violation. Since this violation was licensee identified and non-repetitive, and the licensee has taken adequate corrective actions, it is being treated as a Non-Cited Violation (NCV), consistent with Section 6.3(d)(3) of the NRC Enforcement Policy (NCV 03005154/10-02-02).

During the inspectors' site tour; it was observed that a number of trees and shrubs had been removed from around the licensee's former Sanitary Lagoon, which is currently contaminated with licensable materials. The remediation and decontamination of this Lagoon is pending approval of an NRC decommissioning plan. The inspectors noted that the Lagoon and its associated Drain Field had not been disturbed, nor had licensable materials been removed. The inspectors also observed that a former doublewide trailer previously used by Building J staff as an ancillary office had been removed and that the staff using this former office area was moved into vacant offices in Building J. Space in Building J became available due to staff moving into a new laboratory addition built onto Building E.

The inspectors also toured the licensee's Building M. The licensee is evaluating releasing Building M for unrestricted use, and inquired if the request for releasing Building M for unrestricted use could be included with a decommissioning plan amendment currently under review by the NRC. The license identifies Building M as an approved location for the storage of short-lived contaminated waste, and environmental samples that had been labeled with licensed materials. The licensee indicated that a survey of the building surfaces could not be performed until supplies for the operating site laboratories, and equipment and materials from Buildings that had been demolished and or undergoing renovation was complete.

During the tour of Building M, the inspectors performed random radiological surveys on containers, laboratory equipment and supplies, and office equipment such as filing cabinets. The inspectors measured on multiple pieces of equipment and containers radiological levels ranging from 800,000 disintegrations per minute per 100 centimeters squared (dpm/100 cm²) to 15,000,000 dpm/100 cm² which was above the NUREG 1556 Appendix S limits for contamination in unrestricted areas referenced in the licensee's license. The inspectors determined that the licensee's staff had not surveyed the equipment and materials, and were unaware of the presence of the contaminated materials. The inspectors also noted that the equipment, materials and containers identified with the contamination were not marked or labeled to alert personnel as to the radionuclides present, an estimate of the quantity of radioactivity, the date for which the activity is estimated, such that personnel working in the area and handling the stored

materials were informed and alerted to necessary actions and precautions to prevent unnecessary exposure to radioactive materials. The inspectors were informed that Building M is locked at all times, requiring licensee safety staff to unlock the building and to be present during work activities inside the building or removal of material from the building.

Title 10 of the Code of Federal Regulations, Section 20.1501 requires that each licensee make or cause to be made surveys that may be necessary for the licensee to comply with the regulations in Part 20 and that are reasonable under the circumstances to evaluate the extent of radiation levels, concentrations or quantities of radioactive materials, and the potential radiological hazards that could be present. Title 10 CFR 20.1904(a) requires licensees to ensure that each container of licensed material bears a durable, clearly visible label bearing the words "CAUTION, RADIOACTIVE MATERIAL," or "DANGER, RADIOACTIVE MATERIAL," and the label must provide sufficient information (such as the radionuclides present, an estimate of the quantity of radioactivity, the date for which the activity is estimated, etc.) to permit individuals handling or using the containers, or working in the vicinity of the containers, to take precautions to avoid or minimize exposures. The licensee's failure to make or cause to be made surveys necessary to demonstrate compliance with 10 CFR 20.1904(a), which requires labeling of containers of radioactive material, is a violation of 10 CFR 20.1501. (VIO 030-05154/10-02-01).

On January 3, 2011, the licensee's RSO informed the inspectors that a secured area surrounded by a chained linked fence had been established in Building M. Further, the licensee informed the inspectors that licensee staff were in the process of surveying materials and equipment stored in Building M, and that contaminated items would be moved into the secured area and be labeled pursuant to 10 CFR 20.1904(a), as necessary.

c. Conclusions

A Non-Cited Violation was identified for failure to comply with license commitments that required radiological surveys prior to the release of equipment to unrestricted areas. This violation is being disposition as a Non-Cited Violation, based on the licensee's self-identification of the non-repetitive violation and the licensee's timely corrective actions.

The inspectors identified a second violation that involved the failure to perform adequate radiological surveys and evaluations pursuant to 10 CFR 20.1501, such that equipment identified during the inspection containing significant levels of radioactive materials were appropriately labeled pursuant to 10 CFR 20.1904(a).

The inspectors concluded that the licensee's RSC and Radiation safety personnel were functioning appropriately and that improvements to the licensee's safety program were being actively implemented.

2.0 Closeout Inspection and Surveys (IP 83890)

a. Inspection Scope

The inspectors reviewed the licensee final status survey results for Buildings D and F. The NRC inspectors performed an independent confirmatory radiological survey of Buildings D and F. The inspectors scanned biased areas of the facility using calibrated survey instruments with 100 centimeter squared beta detectors, focusing on areas with elevated activity identified during a previous NRC inspection (Inspection Report No. 030-05154/10-01); areas of elevated activity identified in the licensee's final status surveys; cracks and trenches in floors; and areas where large amounts of licensed material was used or stored. The inspectors also collected 4 wipes to test for removable contamination in Building F, with two collected at licensee sample locations and two collected at biased locations.

The inspectors interviewed personnel and toured the facility to ensure radioactive material was no longer stored in these buildings.

b. Observations and Findings

Buildings D and F were vacant and no further remediation or decontamination activities were being performed. Radioactive material was no longer used or stored in Buildings D and F.

The licensee conducted a final status survey using NUREG-1575, "Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM)" methodology. Building D final status survey demonstrated that the building surfaces met the licensee's release limit for unrestricted use for carbon-14. The licensee's unrestricted use limit is established at the NRC screening value for building surface contamination specified in NUREG 1757, Volume 1, Consolidated Decommissioning Guidance Decommissioning Process for Materials Licensees, Table B.1, Acceptable License Termination Screening Values of Common Radionuclides for Building-Surface Contamination. The NRC independent survey measurements were consistent with the licensee's final status survey results for Building D.

The licensee was still in the process of documenting the Building F's final status survey. The NRC inspectors also performed a confirmatory survey in Building F. Both NRC and licensee surveys indicated a small area, approximately 300 centimeters squared on the floor exceeding the licensee's unrestricted use limit. The licensee committed to submit a request to the NRC to release Building F for unrestricted release after the final status survey report was finalized. The licensee was aware that building F could not be released for unrestricted use until the area with contamination above the unrestricted use limit was addressed.

The inspectors collected four wipe samples to test for removable contamination in Building F. These samples were sent to the NRC's contract laboratory, the Oak Ridge Institute for Science and Education (ORISE), for carbon-14 and hydrogen-3. The inspectors reviewed the results of the ORISE analysis, which were consistent with licensee's tests for removable contamination in Building F. (ML110190466).

c. Conclusions

The inspectors concluded that the licensee's final status survey report for Building D was sufficient to demonstrate compliance with NRC approved unrestricted use limits. The inspectors also concluded that the radiological condition of Building F was consistent with the licensee's final status survey. The licensee committed to submit a Final Status Survey Report for NRC approval prior to releasing Building F for unrestricted use.

3.0 Closure of Violations (VIO)

(Closed) VIO 03005154/10-01-01 - Failure to conduct adequate radiological surveys prior to releasing Buildings A and B for unrestricted use. Licensee personnel used a survey meter not capable of detecting radiological levels at or below 5,000 dpm/100 cm², and thus was unable to demonstrate that the two buildings released for unrestricted use met the average fixed contamination levels for carbon-14 as required by license commitments.

The licensee's corrective actions included revising the procedure used by personnel responsible for conducting radiological release surveys. The licensee's RSO also provided in-house training for health physics staff that emphasized selecting the appropriate survey meter based on the type of survey to be performed. The inspectors interviewed the personnel and observed the staff using the appropriate meters. This item is closed.

(Closed) VIO 03005154/10-01-02 - Failure to notify the NRC in writing of the licensee's February 2010 decision to cease principal activities in its Buildings D and F. The NRC determined that radiological levels in Building F exceeded the licensee's unrestricted use limits, and that pursuant to 10 CFR 30.36(d), the licensee should have notified the NRC in writing by April 30, 2010.

The NRC inspectors interviewed licensee management, safety and health physics staff regarding NRC requirements necessitating notification pursuant to 10 CFR 30.36(d). The inspectors determined that the licensee management and staff were knowledgeable regarding the NRC requirements. This item is closed.

(Closed) VIO 03005154/10-01-03 - Failure to submit a decommissioning plan and have procedures approved by the NRC prior to performing aggressive remediation activities. On June 21, 2010, a worker completed aggressive sawing activities on a building ventilation system that was subsequently determined to be contaminated above the licensee's operational limit of 1,000 dpm/100 cm² for removable contamination without either an approved plan or procedure.

The licensee's corrective actions included amending its license to authorize a procedure for conducting certain aggressive decommissioning activities, and to incorporate new radiological unrestricted use limits that are consistent with NRC unrestricted use limits. The inspectors interviewed management and staff and determined that the licensee personnel had an acceptable understanding of the NRC requirements and were complying with the elements of the approved procedure and unrestricted use limits.

The inspectors also verified that the licensee had instituted an initiative to incorporate into its annual staff radiation safety refresher training program, discussion topics relevant to this violation. This item is closed.

(Closed) VIO 03005154/10-01-04 - Failure by licensee's staff to follow emergency spill procedures on June 21, 2010, by not immediately informing the licensee's Radiation Safety Officer of a spill of radioactively contaminated liquid pursuant to license commitments.

The inspectors interviewed management and staff and determined that the licensee personnel had an acceptable grasp of the NRC requirements and were complying with the elements of the approved procedure. The inspectors also verified that the licensee had instituted an initiative to incorporate into its annual staff radiation safety refresher training program, discussion topics relevant to this violation. This item is closed.

4.0 Exit Meeting

The NRC inspectors presented inspection findings to members of licensee management at the conclusion of the on-site inspection on December 4, 2010, and a final exit was conducted at the conclusion of inspection by telephone on January 18, 2011. The licensee did not identify any documents or processes reviewed by the inspectors as proprietary.

ATTACHMENT: SUPPLEMENTAL INFORMATION

SUPPLEMENTAL INFORMATION

PARTIAL LIST OF PERSONS CONTACTED

* S. Ward, Senior Vice-President and General Manager
*# B. Keck, Radiation Safety Officer
Troy DeVault, Director, Director of Corporate Services

* Persons present at the preliminary exit meeting on December 2, 2010.
Persons present at the exit meeting on January 18, 2011

INSPECTION PROCEDURES USED

IP 83822 Radiation Protection
IP 87104 Decommissioning Inspection Procedure for Material Licensees
IP 83890 Closeout Inspection and Survey

ITEMS OPENED, CLOSED, AND DISCUSSED

<u>Opened</u>	Type	Summary
03005154/10-02-01	VIO	Failed to conduct adequate surveys prior to release for unrestricted use of Buildings A and B
03005154/10-02-02	NCV	Failed to survey contaminated binders prior to release for unrestricted use as required by License Condition 21.
<u>Closed</u>		
03005154/10-01-01	VIO	Failed to conduct adequate surveys prior to release for unrestricted use of Buildings A and B
03005154/10-01-02	AV	Failed to notify the NRC in writing of decision to cease principal activities in Buildings D and F
03005154/10-01-03	AV	Failed to submit a decommissioning plan and have procedures approved by the commission prior to performance of aggressive remediation activities
03005154/10-01-04	VIO	Failed to follow emergency spill procedures
03005154/10-02-02	NCV	Failed to survey contaminated binders prior to release for unrestricted use as required by License Condition 21.

PARTIAL LIST OF DOCUMENTS REVIEWED

Licensee documents reviewed and utilized during the course of this inspection are specifically identified in the "Report Details" above.

LIST OF ACRONYMS USED

ABC	Analytical Biochemistry Laboratories, Inc.,
ADAMS	Agencywide Documents Access and Management System
CFR	Code of Federal Regulations
cpm	counts per minute
dpm/cm ²	disintegrations per minute per centimeters squared
DNMS	Division of Nuclear Materials Safety
IP	Inspection Procedure
MARSSIM	Multi-Agency Radiation Survey and Site Investigation Manual
NCV	Non-Cited Violation
NRC	Nuclear Regulatory Commission
ORISE	Oak Ridge Institute for Science and Education
RSC	Radiation Safety Committee
RSO	Radiation Safety Officer