

October 13, 2000

MEMORANDUM TO: Donald A. Cool, Director  
Division of Industrial and  
Medical Nuclear Safety, NMSS

FROM: George Pangburn, Director */RA/*  
Division of Nuclear Materials Safety, RI

SUBJECT: TRANSMITTAL OF DNMS MONTHLY MANAGEMENT REPORT

Attached for your review and information is our monthly management report. This document contains information through the end of September 2000, on the status of licensing and inspection for our programs. We have also included information on staff training, Agreement State activities and upcoming decommissioning activities at power reactors for which we have inspection responsibilities. This report is a major tool for Division managers and forms the basis for our monthly review of DNMS programs. We welcome any comments that you may have regarding the content or format of this report.

Attachment: Monthly Management Report

Distribution:

John Greeves, NMSS

Mike Weber, NMSS

John Hickey, NMSS

MONTHLY REPORT

DNMS

OCTOBER 13, 2000

## FY2000 STATUS OF MATERIALS LICENSING

<u>MTHLY GOAL</u>	<u>NEWS &amp; AMENDS</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>TOT</u>	<u>PROJ</u>	<u>GOAL</u>
75	Received	94	105	81	81	102	106	101	105	101	121	129	100	1226		
	Completed	91	93	100	42	125	85	104	113	101	62	166	115	1197	1197	900
	Pending	107	119	100	139	116	137	134	126	126	186	148	133	133		
<b>% Within Oper. Plan Timeliness Goal (90 days)</b>		<b>99%</b>	<b>93%</b>	<b>91%</b>	<b>98%</b>	<b>96%</b>	<b>94%</b>	<b>98%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>98%</b>	<b>94%</b>	<b>96%</b>		
<b><u>RENEWALS</u></b>																
1	Received	0	0	1	1	0	0	4	1	8	9	4	7	35		
	Completed	1	0	3	1	2	0	0	2	2	5	0	6	22	22	60
	Pending	4	4	2	2	0	0	4	3	9	13	17	18	18		
<b>% Within Oper. Plan Timeliness Goal (180 days)</b>		<b>100%</b>	<b>N/A</b>	<b>33%</b>	<b>100%</b>	<b>100%</b>	<b>N/A</b>	<b>N/A</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>N/A</b>	<b>100%</b>	<b>91%</b>		
<b><u>TOTAL</u></b>																
76	Received	94	105	82	82	102	106	105	106	109	130	133	107	1261		
	Completed	92	93	103	43	127	85	104	115	103	67	166	121	1219	1219	960
	Pending	111	123	102	141	116	137	138	129	135	199	165	151	151		
<b>Cumulative Actions Done</b>		<b>92</b>	<b>185</b>	<b>288</b>	<b>331</b>	<b>458</b>	<b>543</b>	<b>647</b>	<b>762</b>	<b>865</b>	<b>932</b>	<b>1098</b>	<b>1219</b>			
<b>Cumulative Goal</b>		<b>80</b>	<b>160</b>	<b>240</b>	<b>320</b>	<b>400</b>	<b>480</b>	<b>560</b>	<b>640</b>	<b>720</b>	<b>800</b>	<b>880</b>	<b>960</b>			

**FY2000 STATUS OF MATERIALS INSPECTIONS**

<u>Results</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Cumulative Total</u>	<u>Project</u>	<u>Goal</u>
Clear	15	12	27	9	9	8	27	13	8	14	19	4	<b>165</b>		
N/C	7	9	3	7	8	8	8	7	9	7	10	3	<b>86</b>		
591	30	28	42	20	26	37	19	29	28	27	29	12	<b>334</b>		
<b>Total</b>	<b>52</b>	<b>49</b>	<b>72</b>	<b>36</b>	<b>43</b>	<b>53</b>	<b>54</b>	<b>49</b>	<b>45</b>	<b>48</b>	<b>58</b>	<b>19</b>	<b>578</b>	<b>578</b>	<b>545</b>
<b>Cumulative Inspections Done</b>	<b>52</b>	<b>101</b>	<b>173</b>	<b>209</b>	<b>252</b>	<b>305</b>	<b>359</b>	<b>408</b>	<b>453</b>	<b>501</b>	<b>559</b>	<b>578</b>			
Cumulative Goal	45	90	135	180	225	270	315	360	405	450	495	545			

**AVERAGE DAYS TO ISSUE INSPECTION FINDINGS**

<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Cumulative Total</u>
8	9	30	11	11	12	15	16	17	17	27	16	17

**REGIONAL STATE AGREEMENT OFFICER STATUS REPORT**

	<b>CHANGES/HIGHLIGHTS</b>	<b>UPCOMING EVENTS</b>
<b>CONNECTICUT*</b>		Reintroduction of legislation to become an Agreement State in January 2001
<b>MAINE</b>		Periodic meeting scheduled for June 2001
<b>MARYLAND</b>	<ol style="list-style-type: none"> <li>1. Incident coordination (Community Radiology, DW Kozera portable gauge, potential contamination at Montgomery Co. incinerator)</li> <li>2. Review proposed regulations on LTR (Supplement 7)</li> </ol>	<ol style="list-style-type: none"> <li>1. Brief MRB regarding extension for followup review on 10/24/00</li> <li>2. Follow up IMPEP review scheduled for 2/01 or 8/01</li> </ol>
<b>MASSACHUSETTS</b>	<ol style="list-style-type: none"> <li>1. Incident coordination (radiography sources at Customs facility in Boston Harbor)</li> <li>2. Final report on IMPEP Review issued 09/28/00.</li> </ol>	
<b>NEW HAMPSHIRE</b>		IMPEP review scheduled for 6/25-29/01
<b>NEW JERSEY*</b>		
<b>NEW YORK</b>		
STATE HEALTH		Periodic meeting scheduled for January 2001
CITY HEALTH	Incident coordination (Diagnostic medicine package found by Customs at JFK )	Periodic meeting scheduled for January 2001
LABOR	Clayton Bradt prompted to Program Director position.	Periodic meeting scheduled for January 2001
DEC		Periodic meeting scheduled for January 2001
<b>PENNSYLVANIA#</b>	DEP management indicated to NRC that Agreement State application will now be completed by end of 2001.	
<b>RHODE ISLAND</b>		Periodic meeting scheduled for February 2001
<b>IMPEP ACTIVITIES</b>		IMPEP training for new reviewers scheduled for January 2001
<b>OTHER ACTIVITIES</b>	<ol style="list-style-type: none"> <li>1. Briefing on National Materials Program Working Group (NMPWG) given to Region II staff on 9/6/00</li> <li>2. NMPWG working meeting held 9/12-14/00.</li> </ol>	<ol style="list-style-type: none"> <li>1. OAS meeting scheduled for 10/2-5/00</li> <li>2. NERHC annual meeting scheduled for 11/14-17/00.</li> <li>3. NMPWG meeting scheduled for 12/5-7/00.</li> </ol>

\* (Expressed Interest)

# (Letter of Intent received)

**BRANCH 1**

**LICENSING  
NEWS and AMENDMENTS (timeliness goal: <90 days)**

<b>News and Amendments</b>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Receipts	57	62	47	48	56	67	67	62	68	70	81	60
Completions	66	51	52	25	60	55	50	68	68	36	106	63
Cumulative Completions	66	117	169	194	254	309	359	427	495	531	637	700
Pending	64	75	70	93	89	101	118	112	112	146	121	118
Age >90 days and <181 days	2	2	3	3	3	1	1	1	2	4	2	2
Age >180 days	0	0	0	0	0	0	0	0	0	0	1	1

LICENSING

News and Amendments Older than 90 days			
LICENSEE	RECEIPT	REVIEWER	STATUS
Altoona Hospital (37-11826-01)	02/23/00	Beardsley 127812	TAR exemption for a teletherapy physicist, 03/06/00.  Next Action/Expected Completion Date:  <ul style="list-style-type: none"> <li>Will contact NMSS to complete TAR.</li> </ul> Initial TAR sent 03/06/00, OGC 07/00  Preparing for ACMU1 review in 11/00. Information current as of 09/29/00.
Hackensack Medical Center (29-02641-03)	03/28/00	Beardsley 127938	TAR submitted to HQ on 06/12/00. I-125 for intra ocular therapy with significant dosimetry and release of patient issues.  Received TAR response.  Next Action/Expected Completion Date:  <ul style="list-style-type: none"> <li>Deficiency call made on 09/05/00, awaiting response.</li> </ul> <b>ISSUED 09/26/00.</b>
Tenet Health System Hahnemann (37-00467-36)	05/03/00	Dwyer 128078	Next Action/Expected Completion Date:  <ul style="list-style-type: none"> <li>Limited to Broadscope.</li> <li>Endovascular Therapy .</li> <li>Awaiting license response to deficiency letter 08/09/00.</li> <li>Licensing Meeting was held on difficult issues.</li> <li>Will be issued 10/31/00.</li> </ul>



**BRANCH 1**

<b>News and Amendments Older than 90 days</b>			
<b>LICENSEE</b>	<b>RECEIPT</b>	<b>REVIEWER</b>	<b>STATUS</b>
Tenet Health System Graduate, LLC (37-28359-01)	06/22/00	Lanzisera 128301	Next Action/Expected Completion Date: <ul style="list-style-type: none"><li>● Decommissioning</li><li>● Licensee did not respond to deficiency.</li><li>● Will call Licensee Senior Management.</li></ul>

**BRANCH 1**

**LICENSING  
RENEWALS (timeliness goal: <180 days)**

<b>Renewals</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>Aug</b>	<b>Sept</b>
Receipts	0	0	0	1	0	0	2	1	5	4	2	2
Completions	0	0	0	1	0	0	0	0	1	3	0	4
Cumulative Completions	0	0	0	1	1	1	1	1	2	5	5	9
Pending	0	0	0	0	0	0	2	3	7	8	10	8
Age >181 days and <366 days	0	0	0	0	0	0	0	0	0	0	0	0
Age >365 days	0	0	0	0	0	0	0	0	0	0	0	0

LICENSING

Renewals Older than 180 days			
LICENSEE	RECEIPT	REVIEWER	STATUS
None.			

**BRANCH 1**

**INSPECTIONS**

<b>Inspections</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>Aug</b>	<b>Sept</b>
Inspections by Staff	32	19	28	19	18	27	32	25	23	19	37	14
Cumulative Inspections by Staff	32	51	79	98	116	143	175	200	223	242	279	293
Assist Inspections for other Regions	0	0	1	1	0	0	2	0	0	0	0	0
Overdue Core	1	3	0	0	0	0	1	0	0	1	2	2
Overdue Non-Core	0	2	0	0	0	0	0	0	1	1	2	2

**Overdue Inspections:**

- A. Core - Priority 1  
Cooper Health System (29-08285-01) - Overdue due to OI/OIG investigation, Inspection scheduled for October 2000.  
Milton S. Hershey Medical Center (37-13831-01), scheduled for October 2000.
- B. Core - Priority 2  
None.
- C. Core - Priority 3  
None.
- D. NonCore - Priority 5  
X-Ray Associates, P.A. (29-30177-01), inspection delayed to next quarter because of pending enforcement.  
Radiocat (06-30269-01). To be inspected November 2000

**BRANCH 1**

STAFF QUALIFICATION AND TRAINING				
Individual	Required Courses Needed Over the Next Six Months (scheduled date if available)	Licensing Qualification	Inspector Qualification	Branch Chief Accompaniments
Beardsley, Michelle		Full	Full	05/00, 11/99
Bhalla, Neelam		Limited	Full	11/99, 02/00, 03/00
Courtemanche, Steven		Full	Full	11/99, 04/00
Czerwinskyj, Ihor		None	Full	06/00
Darden, Teresa		Full	Full	12/99, 03/00
Dwyer, James		Limited	Full	10/99, 01/00
Everhart, David		Limited	Full	12/99
Lanzisera, Penny		Full	Full	11/99, 07/00
McKinley, Richard		None	Full	08/00
Thompson, Thomas		Full	Full	04/00
Weidner, Tara		Full	Full	08/00

**BRANCH 2**

**LICENSING  
NEWS and AMENDMENTS (timeliness goal: <90 days)**

<b>News and Amendments</b>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
Receipts	35	44	40	36	54	44	46	62	43	55	53	44
Completions	27	43	53	17	72	35	51	49	36	34	65	52
Cumulative Completions	27	70	123	140	212	247	298	347	383	417	482	534
Pending	54	55	42	61	43	52	47	60	67	88	76	68
Age >90 days and <181 days	8	8	4	2	3	5	4	4	2	6	8	8
Age >180 days	6	6	2	4	3	3	1	2	2	3	4	4

## LICENSING

## News and Amendments Older than 90 days

LICENSEE	RECEIPT	REVIEWER	STATUS
Dept. of the Army Picatinny Arsenal (SUB-348)	12/02/99	Ullrich 127545	<p>Release of Indoor Firing Range for unrestricted use.</p> <p>TAR sent to HQ 03/21/00.</p> <p>In a memo dated 09/25/00, DWM approved Soil DGGL, but stated building DCGL cannot be approved.</p> <p>Next Action/Expected Completion Date:</p> <ul style="list-style-type: none"> <li>Inform licensee and request new DCGL for building by 10/30/00.</li> </ul>
Dept. of the Army Aberdeen Proving Ground (SUB-141)	12/17/99	McGrath 127599	<p>Release of Outdoor Firing Range for unrestricted use.</p> <p>TAR sent to HQ 03/21/00.</p> <p>Response received 06/30/00.</p> <p>Deficiency Letter sent 08/11/00.</p> <p>09/22/00 - licensee plans to request a meeting to discuss changes.</p> <p>Next Action/Expected Completion Date:</p> <ul style="list-style-type: none"> <li>Contact Army by 10/30/00 to determine status of response.</li> </ul>

**BRANCH 2**

**News and Amendments Older than 90 days**

LICENSEE	RECEIPT	REVIEWER	STATUS
Sterigenics International (29-30458-01)	01/22/00	Joustra 127663	<p>Sent TAR to HQ on 01/26/00</p> <p>Preliminary Response from NMSS 05/30/00.</p> <p>Visited site on 07/20/00.</p> <p>Deficiency/Policy letter to licensee 08/23/00.</p> <p>Licensee response 09/26/00.</p> <p>Next Action/Expected Completion Date:</p> <ul style="list-style-type: none"> <li>• Complete evaluation of response and issue license or deficiency letter by 10/30/00.</li> </ul>
Dept. of the Army Ft. Detrick (19-01151-02)	02/02/00	McGrath 127731	<p>Release of sewer sludge for unrestricted use.</p> <p>Meeting with licensee 05/30/00.</p> <p>Next Action/Expected Completion Date:</p> <ul style="list-style-type: none"> <li>• Will contact licensee by 10/15/00 and void unless prompt response is likely.</li> </ul>
Bell Laboratories (SMB-1260, SNM-203, 29-00170-03, 29-00170-04, 29-28260-01)	04/25/00	Henderson 128038, 128036, 128037, 128039, 128040	<p>Financial Assurance Action</p> <p>Deficiency phone call 07/19/00.</p> <p>Follow up telephone call 09/21/00 - licensee states they are working on STA.</p> <p>Next Action/Expected Completion Date:</p> <ul style="list-style-type: none"> <li>• Waiting for Standby Trust Agreement - will followup by 10/30/00.</li> </ul>



BRANCH 2

News and Amendments Older than 90 days			
LICENSEE	RECEIPT	REVIEWER	STATUS
Bayer Corp. (06-13053-04)	05/16/00	Henderson 128143	New Letter of Credit  Deficiency telephone call on 09/01/00.  Next Action/Expected Completion Date: <ul style="list-style-type: none"> <li>If no response, contact by 10/10/00.</li> </ul>
Astra Zeneca Corp. (07-03990-01)	05/24/00	Henderson 128180	Licensee does not want to change name on STA.  TAR sent 07/11/00.  NMSS has requested contractor assistance.  Next Action/Expected Completion Date: <ul style="list-style-type: none"> <li>Contact NMSS for status by 10/30/00.</li> </ul>
Ambric Testing & Eng. (37-20968-01)	05/29/00	Henderson 128187	Request to add new RSO. Inadequate information provided.  Certified mail to licensee on 08/22/00.  Next Action/Expected Completion Date: <ul style="list-style-type: none"> <li>If no response by 09/30/00 - void and issue NOV.</li> </ul> <p><b>VOIDED 09/18/00.</b></p>
IMS Systems, Inc. (New License)	07/06/00	McGrath 128335	New license for guage distribution.  Deficiency response received 08/21/00.  Next Action/Expected Completion Date: <ul style="list-style-type: none"> <li>Waiting for source and device registration changes.</li> </ul>

**BRANCH 2**

**LICENSING  
RENEWALS (timeliness goal: <180 days)**

<b>Renewals</b>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
Receipts	0	0	1	0	0	0	2	0	3	5	3	5
Completions	1	0	1	0	2	0	0	2	1	2	0	2
Cumulative Completions	1	1	2	2	4	4	4	6	7	9	9	11
Pending	2	2	2	2	0	0	2	0	2	5	8	11
Age >181 days and <366 days	1	1	0	0	0	0	0	0	0	0	0	0
Age >365 days	0	0	0	0	0	0	0	0	0	0	0	0

LICENSING

Renewals Older than 180 days

LICENSEE	RECEIPT	REVIEWER	STATUS
None.			

LICENSING

EXPIRED AND SUSPENDED LICENSES

LICENSEE	MATERIAL	STATUS
<p>Alfonso Deleo 37-20553-01 Suspended 2/12/96 fees</p>	<p>Portable gauge (Courtemanche)</p>	<p>Inspection 12/96 Material in secure storage.</p> <p>Enforcement package issued 06/04/99. Package received 06/12/99.</p> <p>Telephone discussions indicate licensee is talking to prospective buyer.</p> <p>Draft imposition package with OE.</p> <p>Civil Penalty imposed and additional penalties proposed 08/24/99.</p> <p>Panel 10/12/99</p> <p>Management meeting held for 11/09/99.</p> <p>Order issued 12/03/99.</p> <p>Refer to DOJ by 06/30/00. OE has it.</p> <p>OGC reports court order sent to licensee in 09/00.</p> <p>Next Action/Expected Completion Date:</p> <ul style="list-style-type: none"> <li>• Check status by 10/30/00</li> </ul>

**BRANCH 2**

<b>EXPIRED AND SUSPENDED LICENSES</b>		
<b>LICENSEE</b>	<b>MATERIAL</b>	<b>STATUS</b>
<p>David D. Kepladlo &amp; Associates                      37-30236-01                      030-33896                      Order Revoking Issued 07/09/99 for failure to pay fees</p>	<p>Portable gauge                      (Minnick)</p>	<p>Multiple telephone calls August - October, January, February</p> <p>Inspection performed 2/22/00 determined material still present.</p> <p>CAL drafted 3/9/00</p> <p>OI Report 08/14/00.</p> <p>Paneled 08/29/00, choice letter in concurrence.</p> <p>Choice letter sent 09/18/00.</p> <p>09/25/00 licensee indicated a written answer will be submitted by 10/18/00.</p>

**BRANCH 2**

**INSPECTIONS**

<b>Inspections</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>Aug</b>	<b>Sep</b>
Inspections by Staff	18	30	43	16	24	25	20	24	20	29	20	5
Cumulative Inspections by Staff	18	48	91	107	131	156	176	200	220	249	269	274
Assist Inspections for other Regions	0	1	0	0	0	0	0	2	2	1	0	0
Overdue Core	1	0	0	0	0	1	1	3	0	0	0	0
Overdue Non-Core	4	6	0	0	2	0	2	0	6	4	6	5

**Overdue Inspections:**

- A. Core - Priority 1  
None.
  
- B. Core - Priority 2  
None.
  
- C. Core - Priority 3  
None.
  
- H. NonCore - Priority 5  
 Aptec-NRC, Inc. (37-02401-05E) scheduled for December 2000  
 Dependable Testing Services, Inc. (29-30314-01) scheduled for December 2000  
 Yale University (SNM-52) scheduled for December 2000  
 ATC Associates, Inc. (19-19822-01) scheduled for December 2000  
 St. George Crystal Ltd. (37-28663-01)

**BRANCH 2**

CALENDAR YEAR 2000 STATUS OF RECIPROCITY INSPECTIONS

PRIORITY	NO. OF LICENSEES GRANTED RECIPROCITY	NO. OF LICENSEES INSPECTED	ANNUAL INSPECTION GOAL
<b>Service Licensees performing teletherapy &amp; irradiator source installations or changes Program Code 03225</b>	2	0	3
<b>1 Program Code 03320 (Radiography Temp. Job Site)</b>	4	0	2
<b>2 Program Code 03232 (Waste Disposal Prepackages)</b>	0	0	0
<b>3 Program Code 03225 (Other Services)</b>	2	1	1
<b>4 Program Code 03620 (R&amp;D Other)</b>	0	0	0
<b>OTHER (5) Program Codes 03121 &amp; 03221 (Calibration &lt;100 Ci and Portable Gauge)</b>	16	2	2
<b>Grand Total</b>	<b>24</b>	<b>3</b>	<b>8</b>

**BRANCH 2**

**STAFF**

STAFF QUALIFICATION AND TRAINING				
Individual	Required Courses Needed Over the Next Six Months (scheduled date if available)	Licensing Qualification	Inspector Qualification	Branch Chief Accompaniments
Brown, Keith		Full	Full	10/99
Henderson, Pam		Full	Full	05/00
Joustra, Judy		Full	Full	07/00
Ladun, Richard		Limited	Full	05/00
Lodhi, Sattar		Limited	Full	04/00
McGrath, John		Full	Full	09/00
Minnick, Sherri		Full	Full	08/22
Reber, Eric		Limited	Full	01/00
Ullrich, Elizabeth		Full	Full	09/00



**DECOMMISSIONING AND LABORATORY BRANCH**

LICENSING

NEWS and AMENDMENTS (timeliness goal: <90 days)

<b>News and Amendments</b>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
Receipts	1	2	1	0	2	0	1	1	1	3	0	1
Completions	2	1	2	2	2	0	0	1	1	0	2	0
Cumulative Completions	2	3	5	7	9	9	9	10	11	11	13	13
Pending	3	4	3	1	1	1	2	2	2	5	3	4
Age >90 days and <181 days	1	1	0	0	0	0	0	1	1	2	1	1
Age >180 days	1	1	1	0	0	0	0	0	0	0	1	1

**DECOMMISSIONING AND LABORATORY BRANCH**

**LICENSING**

**News and Amendments Older than 90 days**

LICENSEE	RECEIPT	REVIEWER	STATUS
V.A. Medical Ctr.. St. Albans (31-02892-06)	02/08/00	Jackson 127749	Next Action/Expected Completion Date:  •Federal Register Notice for amendment issued 08/28/00 •Amendment is ready to be mailed.
Dept. of the Army (29-01022-14)	04/25/00	Shaffer 128044	Next Action/Expected Completion Date:  •Strontium analysis needed on samples; expected in October to release requested areas. •Inspection report prepared; report and licensing action to be issued.

**DECOMMISSIONING AND LABORATORY BRANCH**

**LICENSING  
RENEWALS (timeliness goal: <180 days)**

<b>Renewals</b>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Pending	1	0	0	0	0	0	0	0	0	0	0	0
Age >181 days and <366 days	1	1	0	0	0	0	0	0	0	0	0	0
Age >365 days	0	0	0	0	0	0	0	0	0	0	0	0

**DECOMMISSIONING AND LABORATORY BRANCH**

**INSPECTIONS**

<b>Inspections</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>Aug</b>	<b>Sept</b>
Inspections by Staff	2	0	1	1	1	1	2	0	2	0	1	1
Cumulative Inspections by Staff	2	2	3	4	5	6	8	8	10	10	11	12

**Overdue Inspections:**

- A. Priority 1  
None.
- B. Priority 2  
None.
- C. Priority 3  
None.

Note: These statistics do not include inspections done for decommissioned reactor sites, but include inspections at ORNL terminated license sites.

**REGION I SDMP SITE VISITS**

Heritage Minerals (Gordon) (08/00)  
Watertown Mall (Miller)(05/00)  
Watertown GSA (Miller) (05/00)  
Whittaker (Shaffer) (01/00)

Westinghouse Waltz Mill (Roberts)(10/99)(11/99)(01/00)(08/00)(09/00)  
Safety Light Corporation (Kottan)(10/99)(12/99)(07/00)  
Permagrain (Shaffer)(03/00)

**HEADQUARTERS SDMP SITE VISITS**

B&W - Parks Township (Dimitriadis)(02/00)(05/00)  
Molycorp York (Gordon)(03/00)(08/00)(09/00)  
Cabot - Reading (Dimitriadis) (07/00)

Cabot - Revere (Dimitriadis) (07/00)  
Molycorp Washington (Gordon) (06/00)  
Shieldalloy (Miller)(03/00)

## DECOMMISSIONING AND LABORATORY BRANCH

### HADDAM NECK DECOMMISSIONING STATUS

#### ACTIVITIES COMPLETED LAST MONTH

Completed inspection 00-02 and conducted an on-site inspection by M. Miller and J. Jang the week of September 11. Areas of focus for the inspection were exposure controls on the reactor vessel segmentation project, the radiological effluent program, and the High Radiation Area posting and control program.

The reactor segmentation project continued to be the job expending the most site exposure. A total of approximately 98 person-rem has been expended through September 30. However, the licensee has again reevaluated the remaining work required to complete the job and has revised upward its exposure estimate for the job to 149 person-rem. The site exposure for the year 2000 is 230 person-rem to date.

R. Bellamy supported two site public meetings in September. On September 18 the selectman of Haddam convened a special town meeting to discuss the status of the storage of spent fuel at Haddam Neck. Approximately 350 members of the public attended this 4-hour meeting. On September 19 CDAC held their scheduled monthly meeting to discuss the latest progress on Haddam Neck decommissioning. NRC Region I answered questions when required. Approximately 30 people were in attendance.

#### SHORT-TERM EXPECTED ACTIVITIES (WITHIN THE NEXT MONTH)

Begin inspection 00-03 with review of major decommissioning work.

- dismantlement of the reactor pressure vessel
- dismantlement of the reactor head
- preparations for alternate shipment of Steam Generators and Pressurizer/RCPs

J. Wray to conduct an inspection the week of October 2.

M. Miller to perform inspection week of October 16.

R. Bellamy and M. Miller to attend LTP public meeting on October 17.

## DECOMMISSIONING AND LABORATORY BRANCH

### LONG-TERM EXPECTED ACTIVITIES

Monitor on-site and off-site characterization and remediation activities. Review bounding dose assessment and issue special inspection report for offsite sampling results.

Monitor development of alternate plans for the disposal of Lower Steam Generator Assemblies, Reactor Coolant Pumps, Pressurizer, and Reactor Vessel. The licensee may be unable to ship these components up the Savannah River this year due to continued low water levels.

## DECOMMISSIONING AND LABORATORY BRANCH

### MAINE YANKEE DECOMMISSIONING STATUS

#### **ACTIVITIES WITHIN THE LAST MONTH**

Maine Yankee initiated construction of an independent spent fuel storage installation (ISFSI) in the north contractor parking lot. Activities included excavation and preparation of soils for pouring concrete pads, construction of an earthen berm surrounding the ISFSI, and preparations for pouring vertical concrete casks.

Maine Yankee and their contractor Framatome continued final preparations for segmenting the internals of the reactor vessel. Delays occurred with equipment installation and testing and Maine Yankee suspended work after several errors occurred during movement of the upper guide structure, including making contact with the side of the refueling cavity wall and raising the top of the upper guide structure one-foot above the water surface.

On September 30, 2000, Maine Yankee identified that at least 4 workers were exposed to radioactive contamination after they were assigned to perform work in a waste shipping container that had been improperly released from the radiologically controlled area of the site. Maine Yankee suspended all radiological work to identify root causes and proper corrective and preventative actions.

During the week of September 25, 2000, J. Carrasco (NRC Region I - DRS) performed an inspection of ISFSI construction activities, and Ron Uleck (NRC-NMSS) and a team from Sandia Laboratory inspected the site in preparation for development of an Environmental Assessment.

In consultation with multiple stake holders, including the State of Maine, Maine Yankee abandoned the concept of rubblization and now plans to ship concrete located three feet below grade and above, to out-of-state waste facilities.

#### **SHORT-TERM ACTIVITIES WITHIN THE NEXT MONTH**

Maine Yankee expects to complete their review of identified deficiencies in their radiological survey program and implement corrective actions to allow work to resume.

Work should start on reactor vessel internals segmentation.

Concrete pads at the ISFSI will be poured and the Vertical Concrete Casks should begin to be manufactured.

A CAP is scheduled for October 19, 2000. R. Ragland and R. Bellamy are scheduled to attend.

An NRC Region I inspection is scheduled for the week of October 16, 2000.

## DECOMMISSIONING AND LABORATORY BRANCH

### LONG TERM EXPECTED ACTIVITIES

Maine Yankee hopes to have the ISFSI concrete pad ready for receipt of GTCC canisters from reactor vessel segmentation in December 2000.

Plans and preparations continue for removal and shipping the reactor vessel to Barnwell, SC in June/July 2001.



## DECOMMISSIONING AND LABORATORY BRANCH

### YANKEE ROWE DECOMMISSIONING STATUS

#### ACTIVITIES WITHIN THE LAST MONTH

Completed inspection 00-03

Licensee activities for the month included:

- Remediation of South Decon Room completed.
- ISFSI excavation work completed and clean fill being applied
- Construction work on the road from the Spent Fuel Pit to the ISFSI continued
- Demolition of the Modular Building began

#### SHORT-TERM EXPECTED ACTIVITIES (WITHIN THE NEXT MONTH)

ISFSI construction and construction work on the road from the Spent Fuel Pit to the ISFSI will be continued in October. Concrete will begin to be poured for the ISFSI. The Modular Building demolition will continue.

M. Miller to conduct inspection during the week of October 16.

#### LONG-TERM EXPECTED ACTIVITIES

Licensee's focus for the next year to two years is on shifting spent fuel storage to dry cask storage. During this period, remediation activities will be put on hold. Emptying the spent fuel pool will allow the remainder of the facility to be decommissioned. The planned work for the next six months includes fuel inspections, ISFSI pad construction, and Cask fabrication.

## DECOMMISSIONING AND LABORATORY BRANCH

### MILLSTONE UNIT ONE DECOMMISSIONING STATUS

#### ACTIVITIES WITHIN THE LAST MONTH

Work activities were reduced to only those necessary to reach the "cold and dark" condition. Achieving cold and dark at Unit 1 by April 1, 2001 is a condition of the sale of the Millstone site to Dominion, and is therefore a priority for the licensee.

Component installation for the new SFP cooling system installation continued, with completion estimated by December 2000.

The 4160V plant equipment separation project (GDC 17, Station Blackout, and Appendix R support for Unit 2) continued, with construction ongoing for the month. This project is the top priority at Unit 1. Insulation removal is 83% complete.

No inspections were conducted during the month. The Unit 1 inspection report period number 50-245/2000-010 ended on Sept. 21, based upon additional information supplied by the licensee during telephone conferences. Weekly telephone conferences with the licensee were established during the month.

A combined NEAC/Haddam Neck and MIDAC meeting was held on September 28, 2000. No NRC representatives attended.

#### SHORT-TERM EXPECTED ACTIVITIES (WITHIN THE NEXT MONTH)

The construction (mechanical systems/structures) of the spent fuel pool island (SFPI) cooling system will continue with more piping installation and electrical work.

A meeting of the MIDAC is scheduled for Thursday, October 5, 2000. Todd Jackson will attend the MIDAC meeting to represent Region I and provide a quarterly update of NRC activities, and will also be on site for inspection October 2-6, 2000.

#### LONG-TERM EXPECTED ACTIVITIES

Anthony Dimitriadis plans to be on site for inspection during November.

# DECOMMISSIONING AND LABORATORY BRANCH

## ONSITE REGIONAL INSPECTION EFFORT AT PERMANENTLY-SHUTDOWN REACTORS\*

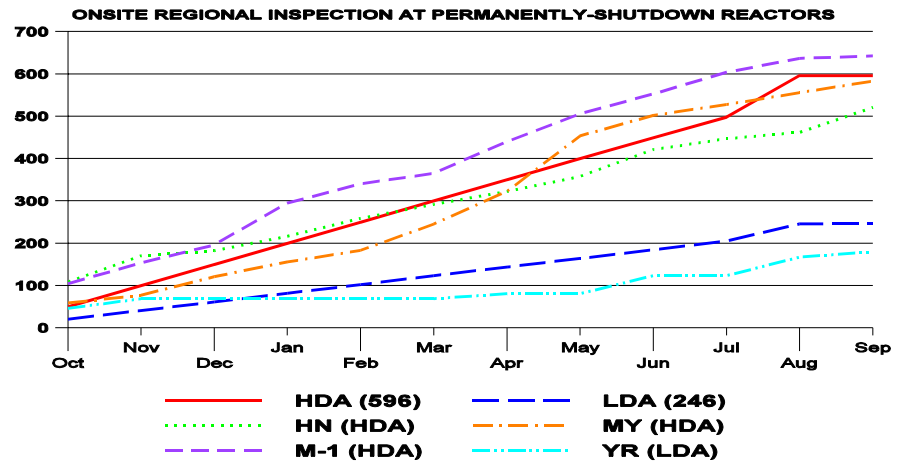
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Fiscal Year to Date
HN (HDA)	108	62	12	34	43	33	30	36	63	26	15	59	521
MY (HDA)	59	18	44	35	27	62	78	131**	48	26	28	27	583
M-1 (HDA)***	104	50	42	99	45	25	75	66	47	51	33	6	643
YR (LDA)	46	23	0	0	0	0	22	0	32	0	44	13	180

High Decommissioning Activity Guidelines (core) according to MC 2561 is approximately 596 hours.  
 Low Decommissioning Activity Guidelines (core) according to MC 2561 is approximately 246 hours.

\*Hours do not include in-office allegation followup.

\*\*Inspections of radiation safety aspects of steam generator removal and use of radiological independent measurements van.

\*\*\*Includes resident inspector hours.



## DECOMMISSIONING AND LABORATORY BRANCH

INSPECTION STATUS FOR FY 2000 As of June 30, 2000

### CORE (REQUIRED) PROCEDURE

36801 - Org., Mgmt. & Cost Controls  
37801 - Safety Reviews, Design Changes & Mods.  
40801 - Self-Assessmt, Auditing, and Corr. Action  
71801 - Decomm. Performance and Status Review

60705 - Prep. for Reactor Fuel Handling  
60710 - Fuel Handling Activities  
62801 - Maint. and Surveillance  
71714 - Cold Weather Preparations  
60801 - Spent Fuel Pool Safety  
83750 - Occupational Rad. Exposure  
84750 - Radwaste Treatment/Eff. & Env. Monitoring  
86750 - Solid Radwaste Mgmt. and Transportation

HADDAM NECK  
PLANNED/DONE  
10/99 (Done) & 05/00 (Done)  
03/00 (Done) & 07/00 (Done)  
10/99 (Done) & 03/00 (Done)  
10/99, 11/99, 02/00, 05/00 & 06/00  
(Done)/Quarterly  
03/00 (Done)  
02/00 (Done)  
04/00 (Done) & 9/00 (Done)  
12/99 (Done)  
11/99 & 05/00 (Done)  
11/99, 02/00, 05/00 & 06/00 (Done)/Ongoing  
09/00 (Done)  
10/99, 11/99, 02/00 & 06/00 (Done)

YANKEE ROWE  
PLANNED/DONE  
06/00 (Done)  
06/00 & 07/00 (Done)  
11/99 (Done)  
  
10/99 (Done)/Quarterly  
11/99 (Done)  
04/00 (Done)  
10/99 (Done)  
11/99 (Done)  
04/00 (Done)  
11/99 (Done)/Ongoing  
07/00 (Done)  
10/99 (Done)

### CORE (REQUIRED) PROCEDURE

36801 - Org., Mgmt. & Cost Controls  
37801 - Safety Reviews, Design Changes & Mods.  
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84750 - Radwaste Treatment/Eff. & Env. Monitoring  
86750 - Solid Radwaste Mgmt. and Transportation

MAINE YANKEE  
PLANNED/DONE  
10/99 (Done) & 09/00  
03/00 (Done) & 07/00  
10/99 (Done) & 07/00  
w10/99, 03/00 (Done)/Quarterly 07/00  
03/00 (Done)  
07/00 (Done)  
01/00 (Done) & 09/00 (Done)  
11/99 (Done)  
06/00 (Done)  
11/99, 04/00 (Done)/Ongoing, 07/00  
06/00 (Done)  
10/99(Done), 07/00 (Done)

MILLSTONE 1  
PLANNED/DONE  
03/00 (Done) & 09/00  
03/00 (Done) & 09/00  
08/00 (Done)  
11/99, 02/00, 05/00 (Done)/Quarterly  
09/00 (if required)  
10/99 (Done)  
04/00 (Done) & 09/00 (Done)  
11/99 (Done)  
11/99 (Done) & 05/00 (Done)  
04/00 (Done)  
08/00 (Done)  
07/00 (Done)

**DECOMMISSIONING AND LABORATORY BRANCH**

**STAFF**

STAFF QUALIFICATION AND TRAINING				
Individual	Required Courses Needed Over the Next Six Months (scheduled date if available)	Licensing Qualification	Inspector Qualification	Branch Chief Accompaniments
Cataldo, Paul		Not Planned	Full	Millstone 1 01/00; 03/00
Dimitriadis, Anthony		Limited	Full	Millstone 1 01/00; Waltz Mill 08/00
Gordon, Craig		Full	Full	Heritage 08/00
Jackson, Todd	Teletherapy & Brach.	Limited	Full	Millstone 1 01/00
Kottan, James		None	Full	Maine Yankee 05/00
Miller, Marie		None	Full	Watertown Mall 05/00, Watertown GSA 05/00
Ragland, Randy		Not Planned	Full	Maine Yankee 12/99; 04/00
Roberts, Mark		Limited	Full	Maine Yankee 03/00, 05/00
Shaffer, Steven	Environmental Monitoring	Full	Full	Yankee Rowe 06/00
Wray, John		None	Full	Superbolt 08/00