

U.S. NUCLEAR REGULATORY COMMISSION

OFFICE OF INSPECTION AND ENFORCEMENT Inspection No.

INSPECTION FINDINGS AND LICENSEE ACKNOWLEDGMENT

Merck & Co., Inc. West Point, Pennsylvania 19486 S. Ruclear Regulatory Commission Defice of Inspection & Enforcement Region I 1631 Park Avenue			Office of Inspection & Enforcement Region I 631 Park Avenue			
3.0-0767 37-01531-08 30-07522 32-00117-06 37-01531-08 1020/81 37-01531-08 37-01531-08 37-01531-08 37-01531-08 37-01531-08 37-01531-06 37-01531-08 37-01531-08 37-01531-06 37-0						
the impection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the commission's rules and regulations of your license. The inspection consisted of selective examinations of procedures and representative records, interview with personnel, and observations by the inspector. The findings as a result of the respection are as follows: No items of noncompliance or unsafe conditions were froind. The following items of noncompliance related to records, signs, and labels were found: A. Rooms or areas were not properly posted to indicate the presence of a RADIATION AREA. 10 CFR 20.203(b) or 34.42 B. Rooms or areas were not properly posted to indicate the presence of an AIRBORNE RADIOACTIVITY AREA. 10 CFR 20.203(c) (1) or 34.42 C. Rooms or areas were not properly posted to indicate the presence of RADIOACTIVE MATERIAL. 10 CFR 20.203(d) D. Rooms or areas were not properly labeled to indicate the presence of RADIOACTIVE MATERIAL. 10 CFR 20.203(e) E. Containers were not properly labeled to indicate the presence of RADIOACTIVE MATERIAL. 10 CFR 20.203(f) (1) or (f) (2) F. A current copy of 10 CFR 20, a copy of the license, or a copy of the operating procedures was not properly posted or made available. 10 CFR 20.206(b) G. Form NRC-3 was not properly posted. 10 CFR 20.206(c) H. Records of the radiation exposure of individuals were not properly maintained. 10 CFR 20.401(b) or 34.43(d) J. Records of surveys or disposals were not properly maintained. 10 CFR 34.25(b) L. Records of inventories were not maintained as prescribed in your license, or 10 CFR 34.25(b) M. Utilization logs were not maintained. 10 CFR 34.27 N. Records of teletherapy electrical interlock tests were not maintained as prescribed in your license. The items of noncompliance will be corrected within the next 30/days. SIL 11030281 B11020 RNS LLC20 CPR 20.0117-06 PDR	30-14680 30-17522	29~00117-06	R(S)		ON	
The following items of noncompliance related to records, signs, and labels were found: A. Rooms or areas were not properly posted to indicate the presence of a RADIATION AREA. IOCFR 20.203(b) or 34.42 B. Rooms or areas were not properly posted to indicate the presence of a HIGH RADIATION AREA. IOCFR 20.203(c) (1) or 34.42 C. Rooms or areas were not properly posted to indicate the presence of an AIRBORNE RADIOACTIVITY AREA. IOCFR 20.203(d) D. Rooms or areas were not properly posted to indicate the presence of RADIOACTIVE MATERIAL. IOCFR 20.203(e) E. Containers were not properly labeled to indicate the presence of RADIOACTIVE MATERIAL. IOCFR 20.203(f) (1) or (f) (2) F. A current copy of 10 CFR 20, a copy of the license, or a copy of the operating procedures was not properly posted or made available. IOCFR 20.206(b) G. FormNRC-3 was not properly posted. IOCFR 20.206(c) H. Records of the radiation exposure of individuals were not properly maintained. IOCFR 20.401(a) or 34.33(b) J. Records of surveys or disposals were not properly maintained. IOCFR 20.401(b) or 34.43(d) J. Records of receipt, transfer, disposal, export or inventory of licensed material were not properly maintained. IOCFR 30.51, 40.61 or 70.51 K. Records of leak tests were not maintained. IOCFR 34.26 M. Utilization logs were not maintained. IOCFR 34.27 N. Records of radiation survey instrument calibration were not maintained as prescribed in your license, or IOCFR 34.25(c) D. Records of radiation survey instrument calibration were not maintained as prescribed in your license. P. Other The NRC Inspector has explained and I understand the items of noncompliance will be corrected within the next 30/days. BILIO302B1 B11020 NNS LIC30 29-00117-06 PDR	The inspection was an examination of the act Commission's rules and regulations and the co- sentative records, interviews with personnel, an	nditions of your license. I d observations by the insp	The inspection consisted of selector. The findings as a result	ective examinations of pro	cadures and repre-	
A. Rooms or areas were not properly posted to indicate the presence of a RADIATION AREA. 10 CFR 20.203(b) or 34.42 B. Rooms or areas were not properly posted to indicate the presence of a HIGH RADIATION AREA. 10 CFR 20.203(c) (1) or 34.42 C. Rooms or areas were not properly posted to indicate the presence of an AIRBORNE RADIOACTIVITY AREA. 10 CFR 20.203(d) D. Rooms or areas were not properly posted to indicate the presence of RADIOACTIVE MATERIAL. 10 CFR 20.203(e) E. Containers were not properly labeled to indicate the presence of RADIOACTIVE MATERIAL. 10 CFR 20.203(f) (1) or (f) (2) F. A current copy of 10 CFR 20, a copy of the license, or a copy of the operating procedures was not properly posted or made available. 10 CFR 20.206(b) G. FormNRC-3 was not properly posted. 10 CFR 20.206(c) H. Records of the radiation exposure of individuals were not properly maintained. 10 CFR 20.401(a) or 34.33(b) I. Records of surveys or disposals were not properly maintained. 10 CFR 20.401(b) or 34.43(d) J. Records of receipt, transfer, disposal, export or inventory of licensed material were not properly maintained. 10 CFR 30.51, 40.61 or 70.51 K. Records of leak tests were not maintained as prescribed in your license, or 10 CFR 34.25(a) M. Utilization logs were not maintained. 10 CFR 34.26 M. Utilization logs were not maintained. 10 CFR 34.26 N. Records of receipt, transfer, disposal, export or inventory of licensed material were not properly maintained. 10 CFR 34.26 N. Records of receipt, transfer, disposal, export or inventory of license, or 10 CFR 34.25(a) N. Records of receipt, transfer, disposal, export or inventory of license, or 10 CFR 34.25(a) N. Records of receipt, transfer, disposal, export or inventory of license, or 10 CFR 34.25(a) N. Records of receipt, transfer, disposal, export or inventory of license, or 10 CFR 34.25(a) N. Records of receipt, transfer, disposal, export or inventory of license, or 10 CFR 34.25(a) N. Records of receipt, transfer, disposal, export or inventory of licensed ma	/					
B. Rooms or areas were not properly posted to indicate the presence of a HIGH RADIATION AREA. 10 CFR 20.203(c) (1) or 34.42 C. Rooms or areas were not properly posted to indicate the presence of an AIRBORNE RADIOACTIVITY AREA. 10 CFR 20.203(d) D. Rooms or areas were not properly posted to indicate the presence of RADIOACTIVE MATERIAL. 10 CFR 20.203(f) (1) or (f) (2) E. Containers were not properly labeled to indicate the presence of RADIOACTIVE MATERIAL. 10 CFR 20.203(f) (1) or (f) (2) F. A current copy of 10 CFR 20, a copy of the license, or a copy of the operating procedures was not properly posted or made available. 10 CFR 20.206(b) G. Form NRC-3 was not properly posted. 10 CFR 20.206(c) H. Records of the radiation exposure of individuals were not properly maintained. 10 CFR 20.401(a) or 34.33(b) 1. Records of surveys or disposals were not properly maintained. 10 CFR 20.401(b) or 34.43(d) J. Records of receipt, transfer, disposal, export or inventory of licensed material were not properly maintained. 10 CFR 30.51, 40.61 or 70.51 K. Records of leak tests were not maintained as prescribed in your license, or 10 CFR 34.25(c) M. Utilization logs were not maintained. 10 CFR 34.27 N. Records of radiation survey instrument calibration were not maintained. 10 CFR 34.25(c) D. Records of teletherapy electrical interlock tests were not maintained as prescribed in your license. P. Other 7. The NRC Inspector has explained and I understand the items of noncompliance listed above. The items of noncompliance will be corrected within the next 30/days. Billo30281 Billo20 NMS LIG30 29-00117-06 PDR	The following items of noncompliance r	elated to records, signs	, and labels were found:			
C. Rooms or areas were not properly posted to indicate the presence of an AIRBORNE RADIOACTIVITY AREA. D. Rooms or areas were not properly posted to indicate the presence of RADIOACTIVE MATERIAL. 10 CFR 20.203(d) E. Containers were not properly labeled to indicate the presence of RADIOACTIVE MATERIAL. 10 CFR 20.203(f) (1) or (f) (2) F. A current copy of 10 CFR 20, a copy of the license, or a copy of the operating procedures was not properly posted or made available. 10 CFR 20.206(b) G. FormNRC-3 was not properly posted. 10 CFR 20.206(c) H. Records of the radiation exposure of individuals were not properly maintained. 10 CFR 20.401(a) or 34.33(b) I. Records of surveys or disposals were not properly maintained. 10 CFR 20.401(b) or 34.43(d) J. Records of receipt, transfer, disposal, export or inventory of licensed material were not properly maintained. 10 CFR 30.51, 40.61 or 70.51 K. Records of leak tests were not maintained as prescribed in your license, or 10 CFR 34.25(c) L. Records of inventories were not maintained. 10 CFR 34.26 M. Utilization logs were not maintained. 10 CFR 34.27 N. Records of radiation survey instrument calibration were not maintained. 10 CFR 34.21 O. Records of teletherapy electrical interlock tests were not maintained as prescribed in your license. P. Other The NRC Inspector has explained and I understand the items of noncompliance will be corrected within the next 30/days. 8111030281 811020 NMS LIC30 29-00117-06 PDR	A. Rooms or areas were not properly posted to indicate the presence of a RADIATION AREA. 10 CFR 20.203(b) or 34.42					
D. Rooms or areas were not properly posted to indicate the presence of RADIOACTIVE MATERIAL. 10 CFR 20.203(e) E. Containers were not properly labeled to indicate the presence of RADIOACTIVE MATERIAL. 10 CFR 20.203(f) (1) or (f) (2) F. A current copy of 10 CFR 20, a copy of the license, or a copy of the operating procedures was not properly posted or made available. 10 CFR 20.206(b) G. FormNRC-3 was not properly posted. 10 CFR 20.206(c) H. Records of the radiation exposure of individuals were not properly maintained. 10 CFR 20.401(a) or 34.33(b) I. Records of surveys or disposals were not properly maintained. 10 CFR 20.401(b) or 34.43(d) J. Records of receipt, transfer, disposal, export or inventory of licensed material were not properly maintained. 10 CFR 30.51, 40.61 or 70.51 K. Records of leak tests were not maintained as prescribed in your license, or 10 CFR 34.25(b) L. Records of inventories were not maintained. 10 CFR 34.26 M. Utilization logs were not maintained. 10 CFR 34.27 N. Records of radiation survey instrument calibration were not maintained. 10 CFR 34.25(b) O. Records of teletherapy electrical interlock tests were not maintained as prescribed in your license. P. Other The NRC Inspector has explained and I understand the items of noncompliance histed above. The items of noncompliance will be corrected within the next 30/days. 8111030281 811020 NMS LIC30 29-00117-06 PDR						
E. Containers were not properly labeled to indicate the presence of RADIOACTIVE MATERIAL. 10 CFR 20.203(f) (1) or (f) (2) F. A current copy of 10 CFR 20, a copy of the license, or a copy of the operating procedures was not properly posted or made available. 10 CFR 20.206(b) G. FormNRC-3 was not properly posted. 10 CFR 20.206(c) H. Records of the radiation exposure of individuals were not properly maintained. 10 CFR 20.401(a) or 34.33(b) I. Records of surveys or disposals were not properly maintained. 10 CFR 20.401(b) or 34.43(d) J. Records of receipt, transfer, disposal, export or inventory of licensed material were not properly maintained. 10 CFR 30.51, 40.61 or 70.51 K. Records of leak tests were not maintained as prescribed in your license, or 10 CFR 34.25(c) L. Records of inventories were not maintained. 10 CFR 34.26 M. Utilization logs were not maintained. 10 CFR 34.27 N. Records of radiation survey instrument calibration were not maintained. 10 CFR 34.29 N. Records of teletherapy electrical interlock tests were not maintained as prescribed in your license. P. Other The NRC Inspector has explained and I understand the items of noncompliance listed above. The items of noncompliance will be corrected within the next 30 days. 8111030281 811020 NMS LIC30 29-00117-06 PDR	C. Rooms or areas were not properly posted to indicate the presence of an AIRBORNE RADIOACTIVITY AREA. 10 CFR 20.203(d)					
D CFR 20.203(f) (1) or (f) (2)	D. Rooms or areas were not properly posted to indicate the presence of RADIOACTIVE MATERIAL. 10 CFR 20.203(e)					
made available. 10 CFR 20.206(b) G. FormNRC-3 was not properly posted. 10 CFR 20.206(c) H. Records of the radiation exposure of individuals were not properly maintained. 10 CFR 20.401(a) or 34.33(b) I. Records of surveys or disposals were not properly maintained. 10 CFR 20.401(b) or 34.43(d) J. Records of receipt, transfer, disposal, export or inventory of licensed material were not properly maintained. 10 CFR 30.51, 40.61 or 70.51 K. Records of leak tests were not maintained as prescribed in your license, or 10 CFR 34.25(b) L. Records of inventories were not maintained. 10 CFR 34.26 M. Utilization logs were not maintained. 10 CFR 34.27 N. Records of radiation survey instrument calibration were not maintained. 10 CFR 34.24 O. Records of teletherapy electrical interlock tests were not maintained as prescribed in your license. P. Other 7. The NRC Inspector has explained and I understand the items of noncompliance will be corrected within the next 30 days. 8111030281 811020 NMS LIC30 29-00117-06 PDR	E. Containers were not properly la 10 CFR 20.203(f) (1) or (f) (2)	abeled to indicate the p	oresence of RADIOACTIV	E MATERIAL.		
H. Records of the radiation exposure of individuals were not properly maintained. 10 CFR 20.401(a) or 34.33(b) I. Records of surveys or disposals were not properly maintained. 10 CFR 20.401(b) or 34.43(d) J. Records of receipt, transfer, disposal, export or inventory of licensed material were not properly maintained. 10 CFR 30.51, 40.61 or 70.51 K. Records of leak tests were not maintained as prescribed in your license, or 10 CFR 34.25(a) L. Records of inventories were not maintained. 10 CFR 34.26 M. Utilization logs were not maintained. 10 CFR 34.27 N. Records of radiation survey instrument calibration were not maintained. 10 CFR 34.249 N. Records of teletherapy electrical interlock tests were not maintained as prescribed in your license. P. Other The NRC Inspector has explained and I understand the items of noncompliance will be corrected within the next 30 days. B111030281 B11020 NMS LIC30 29-00117-06 PDR			or a copy of the operating	procedures was not pro	operly posted or	
I. Records of surveys or disposals were not properly maintained. 10 CFR 20.401(b) or 34.43(d) J. Records of receipt, transfer, disposal, export or inventory of licensed material were not properly maintained. 10 CFR 30.51, 40.61 or 70.51 K. Records of leak tests were not maintained as prescribed in your license, or 10 CFR 34.25(a) L. Records of inventories were not maintained. 10 CFR 34.26 M. Utilization logs were not maintained. 10 CFR 34.27 N. Records of radiation survey instrument calibration were not maintained. 10 CFR 34.21 O. Records of teletherapy electrical interlock tests were not maintained as prescribed in your license. P. Other **The NRC Inspector has explained and I understand the items of noncompliance listed above. The items of noncompliance will be corrected within the next 30 days. 8111030281 811020 NMS LIC30 29-00117-06 PDR	☐ G. FormNRC-3 was not properly	posted. 10 CFR 20.20	6(c)			
J. Records of receipt, transfer, disposal, export or inventory of licensed material were not properly maintained. 10 CFR 30.51, 40.61 or 70.51 K. Records of leak tests were not maintained as prescribed in your license, or 10 CFR 34.25(2) L. Records of inventories were not maintained. 10 CFR 34.26 M. Utilization logs were not maintained. 10 CFR 34.27 N. Records of radiation survey instrument calibration were not maintained. 10 CFR 34.29 O. Records of teletherapy electrical interlock tests were not maintained as prescribed in your license. P. Other NRC Inspector has explained and I understand the items of noncompliance listed above. The items of noncompliance will be corrected within the next 30 days. 8111030281 811020 NMS LIC30 29-00117-06 PDR	H. Records of the radiation exposure of individuals were not properly maintained. 10 CFR 20.401(a) or 34.33(b)					
In CFR 30.51, 40.61 or 70.51 K. Records of leak tests were not maintained as prescribed in your license, or 10 CFR 34.25(20) L. Records of inventories were not maintained. 10 CFR 34.26 M. Utilization logs were not maintained. 10 CFR 34.27 N. Records of radiation survey instrument calibration were not maintained. 10 CFR 34.240 O. Records of teletherapy electrical interlock tests were not maintained as prescribed in your license. P. Other The NRC Inspector has explained and I understand the items of noncompliance listed above. The items of noncompliance will be corrected within the next 30 days. 8111030281 811020 NMS LIC30 29-00117-06 PDR	I. Records of surveys or disposals were not properly maintained. 10 CFR 20.401(b) or 34.43(d)					
L. Records of leak tests were not maintained as prescribed in your license, or 10 CFR 34.25(6) L. Records of inventories were not maintained. 10 CFR 34.26 M. Utilization logs were not maintained. 10 CFR 34.27 N. Records of radiation survey instrument calibration were not maintained. 10 CFR 34.240 O. Records of teletherapy electrical interlock tests were not maintained as prescribed in your license. P. Other 7. The NRC Inspector has explained and I understand the items of noncompliance listed above. The items of noncompliance will be corrected within the next 30/days. B111030281 B11020 NMS LIC30 29-00117-06 PDR	10 CFR 30.51, 40.61 or 70.51					
L. Records of inventories were not maintained. 10 CFR 34.26 M. Utilization logs were not maintained. 10 CFR 34.27 N. Records of radiation survey instrument calibration were not maintained. 10 CFR 34.240 O. Records of teletherapy electrical interlock tests were not maintained as prescribed in you lie anse. P. Other 7. The NRC Inspector has explained and I understand the items of noncompliance will be corrected within the next 30 days. 8111030281 811020 NMS LIC30 29-00117-06 PDR	K. Records of leak tests were not	maintained as prescribe	ed in your license, or 10 C	FR 34.25(25)	12:	
N. Records of radiation survey instrument calibration were not maintained. 10 CFR 34.240 O. Records of teletherapy electrical interlock tests were not maintained as prescribed in your license. P. Other The NRC Inspector has explained and I understand the items of noncompliance listed above. The items of noncompliance will be corrected within the next 30 days. 8111030281 811020 NMS LIC30 29-00117-06 PDR				A RECT	IVED 3	
O. Records of teletherapy electrical interlock tests were not maintained as prescribed in your leanse. P. Other The NRC Inspector has explained and I understand the items of noncompliance listed above. The items of noncompliance will be corrected within the next 30 days. 8111030281 811020 NMS LIC30 29-00117-06 PDR	M. Utilization logs were not maint	ained. 10 CFR 34.27		- NOVO	2 1981 -	
O. Records of teletherapy electrical interlock tests were not maintained as prescribed in your license. P. Other (NRC Inspector) The NRC Inspector has explained and I understand the items of noncompliance listed above. The items of noncompliance will be corrected within the next 30 days. 8111030281 811020 NMS LIC30 29-00117-06 PDR	N. Records of radiation survey ins	trument calibration we	ere not maintained. 10 CFI	R 34.249- Was Nugs	AR REGULATORN I	
7. The NRC Inspector has explained and I understand the items of noncompliance listed above. The items of noncompliance will be corrected within the next 30 days. 8111030281 811020 NMS LIC30 29-00117-06 PDR	O. Records of teletherapy electric	al interlock tests were	not maintained as prescrib		S	
7. The NRC Inspector has explained and I understand the items of noncompliance listed above. The items of noncompliance will be corrected within the next 30 days. 8111030281 811020 NMS LIC30 29-00117-06 PDR	P. Other	1-47-7-7	2/	100	The	
7. The NRC Inspector has explained and I understand the items of noncompliance listed above. The items of noncompliance will be corrected within the next 30 days. 8111030281 811020 NMS LIC30 29-00117-06 PDR		(A ANKE INSPEC	tot)		
NMS L1C30 29-00117-06 PDR			items of noncompliance		ems of	
	NMS LIC30				1E07	
	2700117		(Licensee Representat	tive - Title or Position)	ita	