Radiation Control Program

Violations Summary Report -- 2002 Violations

Inspections Performed by X-Ray Inspectors
From 1/1/2002 Through 12/31/2002

Description of Violation	Number of Violations
OS&P not complete/not available; certificate, RPP, or NOV not available	**2,946**
Compliance test &/or corrective action not performed	**1,646**
Time-temp. chart, timer, therm. not available; Wrong safelight filter, wattage, &/or distance	**1,018**
Collimator indicators, PBL, light field, &/or centers alignment inadequate	**918**
Personnel not credentialed; operators, physician, physicist	**384**
Registration or certification: none, not current, expired	**364**
Public dose surveys not performed; Dose to public excessive	**356**
Annual protective device test not performed	**332**
Occupational dose not determined; Current year dose not determined	**320**
Patient exposure at skin entrance (ESE) exceeded limits	**264**
Output reproducibility &/or mA linearity inadequate	**232**
Indicators of x-ray production, multiple tubes, battery charge, AEC operation not available	**230**
Timer inaccurate or non-reproducible; Exposure untimed	**198**
Technique chart not available	**194**
'Notice to Employees' not posted	**160**
Radiation area caution signs not posted; No machine label	**142**
Mammo QC, physicist eval., or physician review of QC not performed; phantom tech. not patie	**122**
Annual fluoroscopic entrance exposure measurements not performed	**102**
Current personnel dose unknown; PM records not available	**100**
Other x-ray & other mammo	**82**
Mammo QC failed &/or phantom failed without ceasing mammograms	**80**

Technique chart does not match techniques used clinically	**58**
Technique factors not indicated prior to exposure: kVp, mA, mAs, time, AEC	**50**
Mammo anti-scatter grids not available; Compression paddle misaligned	**42**
Mammo patient film not provided or not retained	**38**
Fluoro collimation (spot film, input phosphor, Min @ max, &/or stepless) not adequate	**38**
Protective devices &/or holding devices not available or not used	**32**
Mammo image not processed w/in 24 hrs.; Batch processing not performed properly	**30**
Inadequate HVL	**26**
Incomplete technique chart	**24**
QA/QC records not available	**22**
Mammo QC corrective action not performed	**18**
Inappropriate PM device; PM device used improperly; Supplier not NVLAP	**12**
Operator collimation inadequate	**12**
X-Ray machine not specifically designed for mammography	**10**
Service company not registered &/or used by registrant	**10**
Patient viewing system not available or not used; Two-way aural communication not available	**8**
Therapy annual calibration not performed	**8**
Training records for assembler, calibrator, consultant not available	**6**
RSO quarterly audit records not available	**6**
Minimum source to skin distance (SSD) exceeded (radiographic & dental)	**6**
Fluoro EER exceeds limit	**6**
CT dose measurements, spot checks not performed	**4**
Service company servicing non-registered x-ray machine	**4**
Analytical x-ray use records not available; Industrial x-ray inventory not available	**4**
Code not used	**4**
Tube housing assembly not stable or hand held during radiography	**4**

Fluoro high level operates w/o continuous pressure &/or continuous signal	**4**
Fluoro minimum SSD inadequate	**4**
Code not used	**2**
Overexposure of occupationally exposed person	**2**
Overexposure report to Agency or individual not performed	**2**
Industrial x-ray interlock bypass warning not posted	**2**
Survey instrument calibration not performed	**2**
Code not used	**2**
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Exposure switch not the 'deadman' type	**2**
Mobile unit exposure cord does not allow operator position 6 feet from patient	**2**
Therapy filter interlock or indicator system inadequate	**2**
Code not used	**2**

Report Compiled on: August 09, 2005