Radiation Control Program

Violations Summary Report -- 2000 Violations

Inspections Performed by X-Ray Inspectors
From 1/1/2000 Through 12/31/2000

Description of Violation	Number of Violations
Compliance test &/or corrective action not performed	**2,626**
OS&P not complete/not available; certificate, RPP, or NOV not available	**1,768**
Time-temp. chart, timer, therm. not available; Wrong safelight filter, wattage, &/or distance	**870**
Collimator indicators, PBL, light field, &/or centers alignment inadequate	**712**
Annual protective device test not performed	**436**
Registration or certification: none, not current, expired	**434**
Patient exposure at skin entrance (ESE) exceeded limits	**356**
Mammo QC, physicist eval., or physician review of QC not performed; phantom tech. not patie	**328**
Technique chart not available	**324**
Personnel not credentialed; operators, physician, physicist	**306**
Public dose surveys not performed; Dose to public excessive	**258**
Timer inaccurate or non-reproducible; Exposure untimed	**196**
Indicators of x-ray production, multiple tubes, battery charge, AEC operation not available	**156**
Occupational dose not determined; Current year dose not determined	**152**
'Notice to Employees' not posted	**148**
Mammo QC failed &/or phantom failed without ceasing mammograms	**130**
Other x-ray & other mammo	**128**
Current personnel dose unknown; PM records not available	**122**
Fluoro collimation (spot film, input phosphor, Min @ max, &/or stepless) not adequate	**108**
Mammo anti-scatter grids not available; Compression paddle misaligned	**104**
Output reproducibility &/or mA linearity inadequate	**94**

Radiation area caution signs not posted; No machine label	**74**
Annual fluoroscopic entrance exposure measurements not performed	**60**
Technique factors not indicated prior to exposure: kVp, mA, mAs, time, AEC	**60**
Technique chart does not match techniques used clinically	**56**
Inadequate HVL	**52**
Mammo image not processed w/in 24 hrs.; Batch processing not performed properly	**50**
Operator collimation inadequate	**26**
Mammo QC corrective action not performed	**24**
Inappropriate PM device; PM device used improperly; Supplier not NVLAP	**24**
Analytical x-ray operators not qualified	**20**
Patient viewing system not available or not used; Two-way aural communication not available	**20**
QA/QC records not available	**18**
Mammo patient film not provided or not retained	**18**
Therapy annual calibration not performed	**18**
X-Ray machine not specifically designed for mammography	**14**
Exposure switch not the 'deadman' type	**10**
Protective devices &/or holding devices not available or not used	**8**
Therapy filter interlock or indicator system inadequate	**8**
CT dose measurements, spot checks not performed	**6**
Survey instrument calibration not performed	**6**
Fluoro minimum SSD inadequate	**6**
Code not used	**6**
Overexposure report to Agency or individual not performed	**4**
Code not used	**4**
Fluoro energized w/o primary barrier in locked position	**4**
Fluoro EER exceeds limit	**4**

Deliberate exposure to radiation	**2**
X-ray machine non-compliant after installation	**2**
Industrial x-ray interlock bypass warning not posted	**2**
RSO quarterly audit records not available	**2**
Mammo AEC not providing constant density; Mammo kVp inaccurate	**2**
Service company servicing non-registered x-ray machine	**2**
Code not used	**2**
Code not used	**2**
Minimum source to skin distance (SSD) exceeded (radiographic & dental)	**2**
Diagnostic tube housing inadequate	**2**
Tube housing assembly not stable or hand held during radiography	**2**

Report Compiled on: August 09, 2005