Radiation Control Program

Violations Summary Report -- 2003 Violations

Inspections Performed by X-Ray Inspectors
From 1/1/2003 Through 12/31/2003

Description of Violation	Number of Violations
OS&P not complete/not available; certificate, RPP, or NOV not available	**3,252**
Compliance test &/or corrective action not performed	**1,520**
Time-temp. chart, timer, therm. not available; Wrong safelight filter, wattage, &/or distance	**992**
Collimator indicators, PBL, light field, &/or centers alignment inadequate	**732**
Registration or certification: none, not current, expired	**426**
Personnel not credentialed; operators, physician, physicist	**422**
Annual protective device test not performed	**358**
Public dose surveys not performed; Dose to public excessive	**328**
Occupational dose not determined; Current year dose not determined	**286**
Patient exposure at skin entrance (ESE) exceeded limits	**278**
Indicators of x-ray production, multiple tubes, battery charge, AEC operation not available	**208**
Output reproducibility &/or mA linearity inadequate	**162**
'Notice to Employees' not posted	**160**
Mammo QC, physicist eval., or physician review of QC not performed; phantom tech. not patien	**156**
Technique chart not available	**152**
Radiation area caution signs not posted; No machine label	**138**
Timer inaccurate or non-reproducible; Exposure untimed	**122**
Current personnel dose unknown; PM records not available	**114**
Technique chart does not match techniques used clinically	**96**
Annual fluoroscopic entrance exposure measurements not performed	**74**
Other x-ray & other mammo	**64**

Mammo QC failed &/or phantom failed without ceasing mammograms	**62**
Fluoro collimation (spot film, input phosphor, Min @ max, &/or stepless) not adequate	**56**
Mammo anti-scatter grids not available; Compression paddle misaligned	**50**
Technique factors not indicated prior to exposure: kVp, mA, mAs, time, AEC	**40**
Mammo patient film not provided or not retained	**38**
Mammo image not processed w/in 24 hrs.; Batch processing not performed properly	**34**
Protective devices &/or holding devices not available or not used	**32**
Survey instrument calibration not performed	**28**
Operator collimation inadequate	**28**
Patient viewing system not available or not used; Two-way aural communication not available	**28**
QA/QC records not available	**24**
Inadequate HVL	**24**
Mammo QC corrective action not performed	**14**
Inappropriate PM device; PM device used improperly; Supplier not NVLAP	**14**
X-Ray machine not specifically designed for mammography	**12**
Service company not registered &/or used by registrant	**10**
Deliberate exposure to radiation	**6**
Tube housing assembly not stable or hand held during radiography	**6**
Fluoro EER exceeds limit	**6**
Therapy annual calibration not performed	**6**
Training records for assembler, calibrator, consultant not available	**4**
Service company servicing non-registered x-ray machine	**4**
Analytical x-ray use records not available; Industrial x-ray inventory not available	**4**
Minimum source to skin distance (SSD) exceeded (radiographic & dental)	**4**
Diagnostic tube housing inadequate	**4**

Fluoro cumulative timer inadequate	**4**
Fluoro minimum SSD inadequate	**4**
Overexposure of occupationally exposed person	**2**
Mammo AEC not providing constant density; Mammo kVp inaccurate	**2**
Code not used	**2**
Primary or secondary barriers inadequate	**2**
Fluoro high level operates w/o continuous pressure &/or continuous signal	**2**
Fluoro primary barrier not adequate	**2**
Code not used	**2**

Report Compiled on: August 09, 2005