

# Radiation Control Program

## Violations Summary Report -- 2001 Violations

### Inspections Performed by X-Ray Inspectors

From 1/1/2001 Through 12/31/2001

<b>Description of Violation</b>	<b>Number of Violations</b>
OS&P not complete/not available; certificate, RPP, or NOV not available	2,784
Compliance test &/or corrective action not performed	2,300
Time-temp. chart, timer, therm. not available; Wrong safelight filter, wattage, &/or distance	942
Collimator indicators, PBL, light field, &/or centers alignment inadequate	700
Registration or certification: none, not current, expired	346
Patient exposure at skin entrance (ESE) exceeded limits	314
Mammo QC, physicist eval., or physician review of QC not performed; phantom tech. not patient	292
Personnel not credentialed; operators, physician, physicist	270
Annual protective device test not performed	268
Occupational dose not determined; Current year dose not determined	250
Public dose surveys not performed; Dose to public excessive	186
Current personnel dose unknown; PM records not available	184
Technique chart not available	156
Timer inaccurate or non-reproducible; Exposure untimed	154
Indicators of x-ray production, multiple tubes, battery charge, AEC operation not available	146
Output reproducibility &/or mA linearity inadequate	140
Other x-ray & other mammo	100
'Notice to Employees' not posted	96
Radiation area caution signs not posted; No machine label	74

Annual fluoroscopic entrance exposure measurements not performed	72
Mammo anti-scatter grids not available; Compression paddle misaligned	72
Mammo QC failed &/or phantom failed without ceasing mammograms	70
Technique chart does not match techniques used clinically	64
Mammo image not processed w/in 24 hrs.; Batch processing not performed properly	46
Fluoro collimation (spot film, input phosphor, Min @ max, &/or stepless) not adequate	42
QA/QC records not available	34
Inadequate HVL	32
Technique factors not indicated prior to exposure: kVp, mA, mAs, time, AEC	26
Protective devices &/or holding devices not available or not used	26
Mammo QC corrective action not performed	18
Inappropriate PM device; PM device used improperly; Supplier not NVLAP	18
Mammo patient film not provided or not retained	18
Code not used	18
Code not used	10
Patient viewing system not available or not used; Two-way aural communication not available	10
Operator collimation inadequate	8
Fluoro minimum SSD inadequate	8
Minimum source to skin distance (SSD) exceeded (radiographic & dental)	6
Fluoro EER exceeds limit	6
Therapy annual calibration not performed	6
Code not used	4
Code not used	4
Overexposure report to Agency or individual not performed	4
RSO quarterly audit records not available	4
Survey instrument calibration not performed	4

Analytical x-ray operators not qualified	4
Overexposure of occupationally exposed person	2
Industrial x-ray interlock bypass warning not posted	2
X-Ray machine not specifically designed for mammography	2
Mammo AEC not providing constant density; Mammo kVp inaccurate	2
Analytical x-ray use records not available; Industrial x-ray inventory not available	2
C.T. operator not specifically trained on machine operated	2
Code not used	2
Operator's position exposure > 2 mR in any one hour	2
Fluoro machine protective devices not available or not used	2

Report Compiled on: August 09, 2005