|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Tile #** | **Before Radiation (NPE)** | **Radiation Dose** | **With Old Grease (NPE)** | **With New Grease (NPE)** |
| Kedi 1 | 87.1 | 161-164 kRad | 56.6 | 42.5-56.3 |
| Kedi 2 | 85.4 | 185-189 kRad | 57.6 | 67.3 |
| Kedi 3 | 87 | 31-38 kRad | 66 | 59 |
| Kedi 4 | 91 | 9-17 kRad | 55-74 | 63.3 |
| CNCS 1 | 83.4 | 156-172 kRad | 56.2 | 45.2-47.1 |
| CNCS 2 | 84.7 | 43-53 kRad | 61.6 | 71 |
| CNCS 3 | 81.8 | 20-24 kRad | 62.5 | 69.3 |
| CNCS 4 | 83.4 | 230-286 kRad | 41.2 | 47.2 |

*Radiation effects on preshower tile performance*

|  |  |  |
| --- | --- | --- |
| **SPE Peak Location (Channel #)** | | |
| **Tile #** | **Kedi** | **CNCS** |
| 1 | 24 | 17.5 |
| 2 | 24.5 | 17.4 |
| 3 | 21.4 | 19 |
| 4 | 27.4 | 17.9 |

*One PMT performed worse than the other PMT. This can be seen because the mean channel # shifts much more with the Kedi tile.*