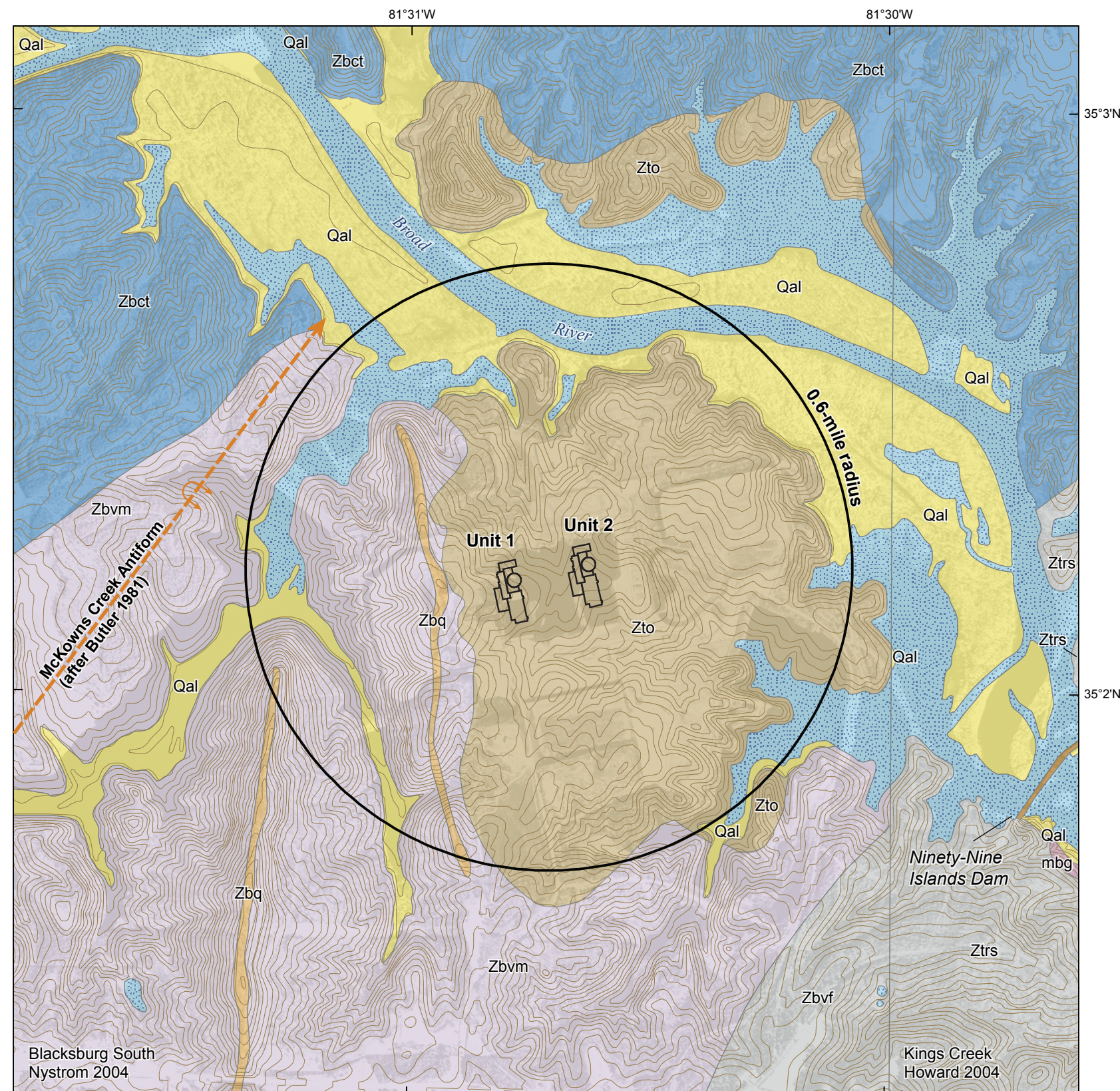




Explanation

- Qal Quaternary alluvium
- Zto Metagranodiorite to diorite; shown on Figures 2.5.1-218 and 219 as metatonalite

Battleground Formation

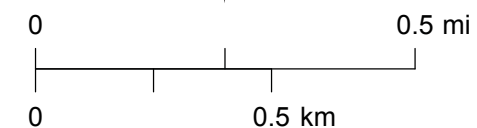
- mbg Metagabbro
- Zbct Plagioclastic crystal metatuff
- Ztrs Interlayered mafic and felsic gneiss
- Zbvf Felsic metavolcanic rocks
- Zbq Quartzite
- Zbvm Mafic to intermediate metavolcanic rocks

 Overturned fold axis, arrows show plunge direction

Topography:
USGS 1:24,000 DLG, 1971 (10-foot contour interval)
note: the contour data predate site development

Geology:
Blacksburg South Quadrangle
modified after Nystrom 2004

Kings Creek Quadrangle
Howard 2004



WILLIAM STATES LEE III
NUCLEAR STATION UNITS 1 & 2

Site Geologic Map

FIGURE 2.5.1-220 Rev 7