The table below shows the developmental timeline for implementation of ATC Method 1 at QARC. Work on this project is coordinated by means of weekly teleconferences between QARC and ITC personnel.

	Developmental Step	Dates
1	Project starts at ATC meeting: ITC to develop a Linux-based platform for the receipt and QA of volumetric, digital data at QARC using ATC Method 1.	6/2004
2	ITC prototype Linux-based RRT server and data import tools demonstrated to QARC personnel at AAPM 2004.	7/2004
3	Linux workstation hardware purchased by QARC ready for network access	9/2004
4	CMS grants permission for limited use of proprietary software components (used in ATC Method 1 data import and review) to support ATC activities at QARC	10/2004
5	RRT and data import tools installed on QARC-ITC Linux server; ITC demonstrates user interface for data import.	11/2004
6	RRT grayscale presets added for QARC; ITC Linux system acquired to facilitate support; ITC demonstrates import of digital data from CD-ROM (at QARC) and from FTP (via ITC).	12/2004
7	QARC requests data for COG protocol ACNS0331 cases from selected institutions capable of digital export; Dr. FitzGerald reviews target volumes for pediatric CNS patient using RRT server at QARC.	1/2005
8	Training session for data import; QARC requests digital data for COG protocol ACNS0126 from selected institutions.	2/2005
9	RRT enhanced to display submitted <u>or</u> re-calculated DVHs and allow spaces in structure names.	3/2005
10	COG protocol pages added to ATC web server	4/2005
11	Direct invocation of RRT from QARC MAX database demonstrated; RRT linear measurement tool tested at QARC; FTP server software and account management tools installed at QARC	5/2005
12	Data backup working at QARC; simplified import of submitted DICOM DVHs demonstrated; ITC developing support for review of prone CT scans.	6/2005
13	Simplified import of DVHs (both RTOG and DICOM format) working; RRT can display multiple, submitted DVHs; "safe" handling of submitted structure names in DVHs; Plan summary and data import log displays in RRT working; Import of prone CT scans tested; QARC FTP server works with firewall in "passive" mode.	7/2005
14	COG protocol "templates" added to data import UI; QARC printer configured on Linux workstation; QARC website updated with data submission procedures for COG protocols (linked on ATC website); FTP accounts created for COG participants.	8/2005
15	Implement transfer of incoming data from FTP "jails" to processing directory in data import UI of Linux workstation; ITC to provide explicit directions for submission of data to QARC via FTP (file/directory structure requirements, software/firewall issues).	*9/2005*
16	Demonstrate QA Log User Interface for RRT	*10/2005*